



**THE NEW JERSEY DEPARTMENT OF EDUCATION**

**INVENTORY OF PROGRAMS OFFERED AT  
NEW JERSEY 4-YEAR INSTITUTIONS OF HIGHER EDUCATION**

**Listed by Institution, Career Cluster, and Career Pathway**

# INVENTORY OF PROGRAMS OFFERED AT NEW JERSEY 4-YEAR INSTITUTIONS OF HIGHER EDUCATION

— DRAFT —

This document reclassifies programs of study currently offered at 4-year colleges and universities in New Jersey to prepare students for occupations and groups each program within career pathways of the 16 career clusters identified by the “States’ Career Cluster Initiative” ([www.careerclusters.org](http://www.careerclusters.org)). Grouping programs of study offered by postsecondary institutions into “career clusters” provides educators with a means of: identifying equivalent or similar programs of study offered to students at postsecondary institutions; identifying sequential courses in these programs that prepare students for entry to professional-level occupations for which students can earn college credit during high school; structuring learning environments in secondary schools around broad industry themes or career clusters; and designing a plan for implementing a program of study that will provide students with different career options around these broad industry themes. This document may also be helpful to students and parents in locating colleges or universities that offer programs of study that fulfill students’ career aspirations.

NOTE: This document is currently under revision and is subject to change. It was developed based upon analysis of “The New Jersey Commission on Higher Education Program Inventory.” Programs of study included in this document were reclassified by career cluster. The programs were then grouped under the corresponding career pathways in accordance with criteria established by the “States’ Career Cluster Initiative” ([www.careerclusters.org](http://www.careerclusters.org)).

— DRAFT —

### UNIVERSITIES/COLLEGES

<b>BERKELEY COLLEGE (Private)</b>				
<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
A.A.S.	CP: Visual Arts	Interior Design	500408	
	<b>Business, Management &amp; Administration</b>			
Certif.	CP: Administrative & Inform. Support	Computer Applications— Administrative/Secretarial	520408	
Certif.	CP: Administrative & Inform. Support	Software Management— Administrative/Secretarial	520407	
Certif.	CP: Business Financial Management & Accounting	Microcomputer Accounting	520399	
A.A.S. & B.S.	CP: Management	Business Administration	520201	
A.A.S.	CP: Management	E-Business—Business Management	529999	
A.A.S. & A.S.	CP: Management	International Business	521101	
	<b>Information Technology</b>			
A.A.S.	CP: Interactive Media	WEB Design	119999	
A.A.S.	CP: Network Systems	Network Management	521204	
	<b>Law, Public Safety &amp; Security</b>			
A.A.S.	CP: Legal Services	Paralegal Studies	220103	

<b>BERKELEY COLLEGE (Private)</b>				
<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Marketing, Sales, &amp; Services</b>			
A.A.S.	CP: Professional Sales & Marketing	Fashion Marketing & Management	080102	

<b>BLOOMFIELD COLLEGE</b>				
<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
Certif.	CP: Journalism & Broadcasting	Communications	090101	
B.A.	CP: Visual Arts	Creative Arts & Technology	500101	
	<b>Business, Management &amp; Administration</b>			
B.S.	CP: Business Financial Management & Accounting	Accounting	520301	
B.S.	CP: Management	Business Administration	520201	
Certif.	CP: Management	Materials Management—Business Administration	520203	
	<b>Education &amp; Training</b>			
B. A.	CP: Teaching & Training	Education	130101	
Certif.	CP: Teaching & Training	Elementary Education	131202	
Certif.	CP: Teaching & Training	P-3 Early Childhood Specialized Alternative Route Endorsement	131204	
Certif.	CP: Teaching & Training	Secondary Education	131205	

## BLOOMFIELD COLLEGE

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Health Sciences</b>			
B.S.	CP: Diagnostic Services	Allied Health Technologies	510999	
B.S.	CP: Diagnostic Services	Clinical Laboratory Sciences	511399	
B.S.	CP: Therapeutic Services	Nursing	511601	
	<b>Human Services</b>			
Certif.	CP: Counseling & Mental Health Services	Industrial Organizational Psychology	420901	
B.A.	CP: Counseling & Mental Health Services	Psychology	420101	
B.A.	CP: Family & Community Services	Religion	380201	
B.A.	CP: Family & Community Services	Sociology	451101	
	<b>Information Technology</b>			
B.S.	CP: Information Support & Services	Computer Information Systems	110101	
	<b>Law, Public Safety &amp; Security</b>			
B.A.	CP: Legal Services	Political Science	451001	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.S.	CP: Science & Mathematics	Applied Math	270301	
B.S.	CP: Science & Mathematics	Biology	260101	
B.S.	CP: Science & Mathematics	Chemistry	400501	

**CALDWELL COLLEGE**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Journalism & Broadcasting	Communication Arts	090101	
B.A.	CP: Performing Arts	Music	500901	
B.A. & B.F.A.	CP: Visual Arts	Art	500701	
Certif.	CP: Visual Arts	Art Therapy	512301	
Certif.	CP: Visual Arts	Visual Communication	500401	
	<b>Business, Management &amp; Administration</b>			
B.S. & M.S.	CP: Business Financial Management & Accounting	Accounting	520301	
B.S.	CP: Management	Business Administration	520201	
M.S.	CP: Management	Contemporary General Management	520201	
B.S.	CP: Management	International Business	521101	
B.S.	CP: Management	Management	520201	
	<b>Education &amp; Training</b>			
M.A.	CP: Administration & Administrative Support	Curriculum & Instruction	130301	
M.A.	CP: Administration & Administrative Support	Educational Administration	130401	
B.A.	CP: Teaching & Training	Elementary Education	131202	
Certif.	CP: Teaching & Training	Special Education	131001	
	<b>Government &amp; Public Administration</b>			
Certif.	CP: Public Management & Administration	Government Service & Administration	440401	
	<b>Health Services</b>			

**CALDWELL COLLEGE**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.S.	CP: Diagnostic Services	Clinical Laboratory Sciences	511399	
B.S.	CP: Diagnostic Services	Medical Technology	511005	
	<b>Human Services</b>			
M.A.	CP: Counseling & Mental Health Services	Counseling Psychology	420601	
B.A.	CP: Counseling & Mental Health Services	Psychology	420101	
M.A.	CP: Family & Community Services	Pastoral Ministry	390701	
B.A.	CP: Family & Community Services	Religious Studies	380201	
B.A.	CP: Family & Community Services	Sociology	451101	
	<b>Information Technology</b>			
Certif. & B.S.	CP: Information Support & Services	Computer Information Systems	110101	
B.S.	CP: Programming & Software Development	Computer Science	110701	
	<b>Law, Public Safety &amp; Security</b>			
B.A.		Criminal Justice	430104	
B.A.	CP: Legal Services	Political Science	451001	
	<b>Marketing, Sales, &amp; Services</b>			
B.S.	CP: Marketing Communications & Promotions	Marketing	521401	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.A.	CP: Science & Mathematics	Biology	260101	
B.A.	CP: Science & Mathematics	Chemistry	400501	
B.A.	CP: Science & Mathematics	Mathematics	270101	

**CENTENARY COLLEGE**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Agriculture, Food &amp; Natural Resources</b>			
A.S. & B.S.	CP: Animal Systems	Equine Studies	010507	
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.S.	CP: Journalism & Broadcasting	Communications	090101	
B.A.	CP: Performing Arts	Theatre Arts	520201	
B.F.A.	CP: Visual Arts	Art & Design	500499	
A.S. & B.S.	CP: Visual Arts	Fashion	080102	
A.A. & B.F.A.	CP: Visual Arts	Interior Design	500408	
	<b>Business, Management &amp; Administration</b>			
B.S.	CP: Business Financial Management & Accounting	Accounting	520301	
M.S.	CP: Business Financial Management & Accounting	Professional Accounting	520301	
B.S. & M.B.A.	CP: Management	Business Administration	520201	
	<b>Education and Training</b>			
M.A.ED.	CP: Administration & Administrative Support	Instructional Leadership	131299	
M.A.	CP: Teaching & Training	Special Education	131001	
	<b>Human Services</b>			
M.A.	CP: Counseling & Mental Health Services	Counseling	420601	

<b>CENTENARY COLLEGE</b>				
<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
M.A.	CP: Counseling & Mental Health Services	Counseling Psychology	420601	
B.A.	CP: Counseling & Mental Health Services	Psychology	420101	
B.A.	CP: Family & Community Services	Sociology	451101	
	<b>Information Technology</b>			
B.S.	CP: Information Support & Services	Computer Information Systems	521299	
	<b>Law, Public Safety &amp; Security</b>			
B.A.		Criminal Justice	430104	
B.A.	CP: Legal Services	Political Science	451001	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.S.	CP: Science & Mathematics	Biology	260101	
B.A.	CP: Science & Mathematics	Mathematics	270101	

<b>COLLEGE OF NEW JERSEY</b>				
<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Journalism & Broadcasting	Communication Studies	231001	
B.M. & M.A.	CP: Performing Arts	Music	500901	

## COLLEGE OF NEW JERSEY

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.A.	CP: Visual Arts	Art	500701	
B.F.A.	CP: Visual Arts	Fine Arts	500701	
B.F.A.	CP: Visual Arts	Graphic Design	500402	
	<b>Business, Management &amp; Administration</b>			
B.A. & B.S.	CP: Business Analysis	Economics	450601	
B.S. & M.S.	CP: Business Financial Management & Accounting	Accountancy	520301	
B.S.	CP: Management	Business Administration	520201	
	<b>Education and Training</b>			
M.ED.	CP: Administrative & Administrative Support	Educational Leadership	139999	
M.ED.	CP: Administrative & Administrative Support	International, Overseas Administration & Supervision –Education	130701	
B.A.	CP: Teaching & Training	Art Education	131302	
B.S.	CP: Teaching & Training	Biology Education	131322	
B.S.	CP: Teaching & Training	Chemistry Education	131323	
M.ED.	CP: Teaching & Training	Developmental Reading	131315	
B.S.	CP: Teaching & Training	Early Childhood Education	131204	
B.S.	CP: Teaching & Training	Education of the Deaf & Hard of Hearing	131003	
M.A.	CP: Teaching & Training	Education of the Deaf/Hard of Hearing & Elementary Ed	131399	
M.A.	CP: Teaching & Training	Educational Technology	130501	
B.S. & M.A.T. & M.ED.	CP: Teaching & Training	Elementary Education	131202	
B.A.	CP: Teaching & Training	English Education	131305	

## COLLEGE OF NEW JERSEY

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
M.A.T.	CP: Teaching & Training	Health Education—Academic/Vocational Ed.	131307	
B.S. & M.ED	CP: Teaching & Training	Health & Physical Education— Academic/Vocational Ed.	131314	
B.A.	CP: Teaching & Training	History Education	131328	
B.S.	CP: Teaching & Training	Math, Science, Tech. For Ec & Elem. Education	131202	
B.A.	CP: Teaching & Training	Mathematics Education	131311	
M.A.T. & M.ED	CP: Teaching & Training	Music Education	131312	
B.S.	CP: Teaching & Training	Physics Education	131329	
M.A.T.	CP: Teaching & Training	Secondary School Teaching	131205	
B.A.	CP: Teaching & Training	Spanish Education	131330	
B.S.	CP: Teaching & Training	Special Education—Developmentally Handicapped	131001	
M.A.T. & M.ED.	CP: Teaching & Training	Special Education	131001	
B.S.	CP: Teaching & Training	Technology Education	131309	
M.ED.	CP: Teaching & Training	Teaching English as a Second Language	131401	
	<b>Government &amp; Public Administration</b>			
B.A.	CP: Foreign Service	International Studies	450901	
	<b>Health Services</b>			
B.A.	CP: Support Services	Biomedical Engineering	1405	
B.S.N & M.S.N.	CP: Therapeutic Services	Nursing	511601	
M.A.	CP: Therapeutic Services	Speech Pathology	510203	
	<b>Human Services</b>			
M.A.	CP: Counseling & Mental Health Services	Counseling & Personnel Services	131101	

## COLLEGE OF NEW JERSEY

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
ED.S.	CP: Counseling & Mental Health Services	Marriage & Family Therapy	190703	
B.A.	CP: Counseling & Mental Health Services	Psychology	420101	
B.A.	CP: Family & Community Services	Sociology	451101	
	<b>Information Technology</b>			
B.S.Co.E.		Computer Engineering ***	140901	
B.S.	CP: Programming & Software Engineering	Computer Science	110101	
	<b>Law, Public Safety &amp; Security</b>			
B.S.		Law & Justice	430103	
B.A.	CP: Legal Services	Political Science	451001	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.S.E.E.	CP: Engineering Technology	Electrical Engineering ***	141001	
B.S.M.E.	CP: Engineering Technology	Mechanical Engineering	141901	
B.S.	CP: Science & Mathematics	Biology	260101	
B.S.	CP: Science & Mathematics	Chemistry	400501	
B.S.	CP: Science & Mathematics	Engineering Science	141301	
B.A.	CP: Science & Mathematics	Mathematics	270101	
B.S.	CP: Science & Mathematics	Physics	400801	

\*\*\* Engineering & Technology programs of study can be grouped under the Career Cluster “Science, Technology, Engineering & Mathematics,” or can be grouped under a career cluster the program supports.

**DE VRY COLLEGE OF TECHNOLOGY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Business, Management &amp; Administration</b>			
A.A.S.	CP: Administrative & Information Support	Business Administration	520201	
A.A.S. & B.S.	CP: Management	Telecommunications Management—Business Information & Data	521204	
	<b>Information Technology</b>			
A.A.S.	CP: Information Support & Services	Computer Information Systems	110101	
B.S.	CP: Information Support & Services	Computer Information Systems	110401	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
A.A.S. & B.S.E.E.T.	CP: Engineering Technology	Electronics Engineering Technology ***	150303	

\*\*\* Engineering & Technology programs of study can be grouped under the Career Cluster “Science, Technology, Engineering & Mathematics,” or can be grouped under a career cluster the program supports.

## DREW UNIVERSITY

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Performing Arts	Music	500901	
B.A.	CP: Performing Arts	Theatre Arts	500501	
B.A.	CP: Visual Arts	Art	500701	
	<b>Business, Management &amp; Administration</b>			
B.A.	CP: Business Analysis	Economics	450601	
	<b>Human Services</b>			
B.A.	CP: Counseling & Mental Health Services	Psychology	420101	
M.A. & M.PHIL.	CP: Family & Community Services	Biblical Studies	390201	
Ph.D	CP: Family & Community Services	Biblical Studies	390201	
M.A. & M.PHIL. & Ph.D	CP: Family & Community Services	Liturgical Studies	390601 390601 399999	
B.A	CP: Family & Community Services	Religion	380201	
M.A. & M.PHIL & Ph.D.	CP: Family & Community Services	Religion & Society	380201 380201 389999	
B.A.	CP: Family & Community Services	Sociology	451101	
M.DIV.	CP: Family & Community Services	Theology—First Professional	390602	
D.MIN.	CP: Family & Community Services	Theology Professions	390601	
M.T.S. & S.T.M	CP: Family & Community Services	Theological Studies	390601	
M.A. & M.PHIL.	CP: Family & Community Services	Theological & Religious Studies	390601	

**DREW UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
& Ph.D.				
M.A. & M.PHIL. & P.h.D	CP: Family & Community Services	Wesleyan & Methodist Studies	390601	
	<b>Information Technology</b>			
B.A.	CP: Programming & Software Engineering	Computer Science	110701	
	<b>Law, Public Safety &amp; Security</b>			
B.A.	CP: Legal Services	Political Science	451001	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.A.	CP: Science & Mathematics	Behavioral Science	309999	
B.A.	CP: Science & Mathematics	Biology	260101	
B.A.	CP: Science & Mathematics	Biochemistry	260202	
B.A.	CP: Science & Mathematics	Chemistry	400501	
B.A.	CP: Science & Mathematics	Mathematics	270101	
B.A.	CP: Science & Mathematics	Mathematics & Computer Science	300801	
B.A.	CP: Science & Mathematics	Neurosciences	260608	
B.A.	CP: Science & Mathematics	Physics	400801	

## FAIRLEIGH DICKINSON UNIVERSITY

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Agriculture, Food &amp; Natural Resources</b>			
Certif. & B.S.	CP: Environmental Service Systems	Environmental Science	030102	
M.S.	CP: Environmental Service Systems	Systems Science: Environmental Studies	030102	
B.A.	CP: Natural Resources Systems	Geological Sciences	400601	
B.S.	CP: Natural Resources Systems	Marine Biology	260607	
	<b>Architecture &amp; Construction</b>			
B.S.	CP: Design/Pre-Construction	Civil Engineering Technology ***	150201	
B.S.	CP: Maintenance & Operation	Construction Engineering Technology	151001	
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B. A.	CP: Journalism & Broadcasting	Communications	090101	
B.A.	CP: Journalism & Broadcasting	Communications Studies	090101	
M.F.A.	CP: Journalism & Broadcasting	Creative Writing	230501	
B.A.	CP: Journalism & Broadcasting	Electronic Filmmaking/Digital Video Design	500602	
B.A.	CP: Performing Arts	Theatre Arts	500501	
B.A.	CP: Visual Arts	Art	500701	
B.A.	CP: Visual Arts	Fine Arts	500101	
	<b>Business, Management &amp; Administration</b>			
M.S.	CP: Administrative & Information Support	Management Information Systems	521201	
B.A. & M.B.A.	CP: Business Analysis	Economics	450601 520601	
B.S.	CP: Business Analysis	Economics & Finance	520601	

**FAIRLEIGH DICKINSON UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
M.B.A.	CP: Business Analysis	Financial Economics	450601	
M.B.A.	CP: Business Analysis	Quantitative & Business Analysis	521399	
Certif. & B.S. M.B.A. & M.S.	CP: Business Financial Management & Accounting	Accounting	520301	
B.S.— M.S.	CP: Business Financial Management & Accounting	Combined degree in Accounting	520301	
Certif.	CP: Human Resources	Corporate Communications—General Business	520101	
M.B.A.	CP: Human Resources	Corporate & Organizational Communications	099999	
Certif. & M.A.	CP: Human Resources	Human Resource Management	521001	
M.A.	CP: Human Resources	Industrial Psychology	420901	
M.A.	CP: Human Resources	Personnel	429999	
B.S.	CP: Management	Business Management	520201	
Certif. & M.B.A.	CP: Management	Entrepreneurial Studies	080301	
M.B.A.	CP: Management	Industrial Operations Management—Business Administration	520299	
M.B.A.	CP: Management	International Business	521101	
Certif. & M.B.A.	CP: Management	Management	520201	
B.S. & M.S. &	CP: Management	Management	521301	
Certif. & M.S.	CP: Management	Management of Information Systems	521201	
Certif.	CP: Management	Management of Evolving Technologies	520101	
Certif.	CP: Marketing	Business Communications	090101	

**FAIRLEIGH DICKINSON UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
Certif.	CP: Marketing	Business Graphic Design	500499	
	<b>Education &amp; Training</b>			
M.A. & Ed.D	CP: Administrative & Administrative Support	Educational Leadership	130401 139999	
M.A. & Psy.D.	CP: Administrative & Administrative Support	School Psychology	421701 421701	
B.S.	CP: Teaching & Training	Accounting, General Business Education	131303	
B.A.	CP: Teaching & Training	Biological Sciences Education— Academic/Vocational	131322	
B.S.	CP: Teaching & Training	Business Education—Academic/Vocational	131303	
Certif.	CP: Teaching & Training	Classroom Practitioner	139999	
M.A.	CP: Teaching & Training	Education for Certified Teachers	131206	
B.A.	CP: Teaching & Training	Elementary Education	131202	
B.A.	CP: Teaching & Training	English Education—Academic/Vocational	131305	
M.A.	CP: Teaching & Training	Human Development	139999	
Certif.	CP: Teaching & Training	Instructional Technology Specialist	139999	
M.A.	CP: Teaching & Training	Learning Disabilities	131011	
Certif.	CP: Teaching & Training	Literacy Reading Specialist	139999	
B.A.	CP: Teaching & Training	Mathematics Education	131311	
B.A.	CP: Teaching & Training	Modern Language Education— Academic/Vocational	131306	
M.A.	CP: Teaching & Training	Multilingual Education	130201	
B.A.	CP: Teaching & Training	Music Education—Academic/Vocational	131312	
B.A.	CP: Teaching & Training	Physical Science Education— Academic/Vocational	131316	
B.A.	CP: Teaching & Training	Secondary Education	131205	
B.S.	CP: Teaching & Training	Secretarial, General Business Education—	131303	

**FAIRLEIGH DICKINSON UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
		Academic/Vocational		
B.A.	CP: Teaching & Training	Social Studies Education—Academic/Vocational	131318	
M.A.T.	CP: Teaching & Training	Teacher Education—Multiple Levels	131206	
Certif.	CP: Teaching & Training	World Languages Elementary Specialist	130201	
	<b>Finance</b>			
Certif. & M.B.A.	CP: Financial & Investment Planning	Finance—Banking Related	520801	
	<b>Government &amp; Public Administration</b>			
B.S.	CP: Planning	Urban Systems	300601	
Certif.	CP: Public Management & Administration	Administrative Science—Public Administration	440401	
Certif.	CP: Public Management & Administration	Public & Non-Profit Leadership	440401	
Certif.	CP: Public Management & Administration	Public Service Administration	449999	
M.A.S.	CP: Public Management & Administration	Administrative Science—Public Administration	449999	
M.P.A.	CP: Public Management & Administration	Public Administration	440401	
Certif.	CP: Revenue & Taxation	State & Local Taxation	521601	
M.S.	CP: Revenue & Taxation	Taxation	521601	
	<b>Health Services</b>			
Certif.	CP: Biotechnology Research & Development	Pharmaceutical-Chemical Studies	520101	
M.B.A.	CP: Biotechnology Research & Development	Pharmaceutical-Chemical Studies	520299	
B.S.	CP: Diagnostic Services	Allied Health Technologies	510999	

**FAIRLEIGH DICKINSON UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.S.	CP: Diagnostic Services	Clinical Laboratory Studies	511399	
B.S. & M.S.	CP: Diagnostic Services	Medical Technology	511005	
A.S. & B.S.	CP: Diagnostic Services	Radiologic Technology	510907	
Certif.	CP: Health Informatics	Nurse Educator	511699	
Certif.	CP: Health Informatics	Health Systems Management	520101	
Certif.	CP: Therapeutic Services	Adult Nurse Practitioner	511699	
B.S.N. & M.S.N.	CP: Therapeutic Services	Nursing	511608	
A.S.	CP: Therapeutic Services	Physical Therapist Assistant	510806	
M.S.	CP: Therapeutic Services	Clinical Psychopharmacology	512099	
	<b>Hospitality &amp; Tourism</b>			
B.S.		Hotel & Restaurant Management	520902	
M.A.	CP: Lodging	Hospitality Management Studies	520901	
	<b>Human Services</b>			
Certif.	CP: Counseling & Mental Health Services	Addiction Counseling	420601	
M.A.	CP: Counseling & Mental Health Services	Addiction Counseling	429999	
M.A.	CP: Counseling & Mental Health Services	Child Development--Psychology	429999	
M.A. & Ph.D.	CP: Counseling & Mental Health Services	Clinical Psychology	420201	
Certif.	CP: Counseling & Mental Health Services	Counseling	420601	
Certif.	CP: Counseling & Mental Health Services	Marriage & Family	420601	

**FAIRLEIGH DICKINSON UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.A. & M.A.	CP: Counseling & Mental Health Services	Psychology	420101	
M.A.	CP: Counseling & Mental Health Services	Psychology—General Experimental	420801	
Certif.	CP: Counseling & Mental Health Services	Substance Awareness Coordinator	511501	
Certif.	CP: Counseling & Mental Health Services	Trauma & Crisis	420601	
Certif.	CP: Family & Community Services	Gerontology	420601	
M.A.	CP: Family & Community Services	Psychology—Applied Social & Community	420401	
B.A.	CP: Family & Community Services	Sociology	451101	
B.A.	CP: Family & Community Services	Social Work	440701	
	<b>Information Technology</b>			
B.S.		Information Technology	119999	
Certif.	CP: Information Support & Services	Data Base Administration	110401	
Certif.	CP: Information Support & Services	Decision Support Systems	110401	
Certif.	CP: Information Support & Services	Distributed Systems	110401	
Certif.	CP: Information Support & Services	Information Systems	110401	
Certif.	CP: Network Systems	E-Commerce—Computer Science	119999	
M.S.	CP: Network Systems	Electronic Commerce—Computer Science	119999	
Certif.	CP: Programming & Software Development	Advanced Computer Programming	110201	
M.S.	CP: Programming & Software Development	Computer Engineering ***	140901	
Certif.	CP: Programming & Software Development	Computer Programming	110201	
B.S. & M.S.	CP: Programming & Software Development	Computer Science	110101	

**FAIRLEIGH DICKINSON UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
Certif.	CP: Programming & Software Development	Internet Programming	119999	
	<b>Law, Public Safety &amp; Security</b>			
B.A.		Criminal Justice	430101	
Certif.	CP: Law Enforcement Services	Administration of Justice	430103	
Certif.	CP: Law Enforcement Services	Private Security	430199	
B.A. & M.A.	CP: Legal Services	Political Science	451001	
	<b>Marketing, Sales &amp; Services</b>			
Certif.	CP: Marketing Communications & Promotions	Marketing	521401	
B.S. & M.B.A.	CP: Marketing Communications & Promotions	Marketing	521401 521402	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.S. & M.S.	CP: Engineering & Technology	Electrical Engineering ***	141001	
B.S.	CP: Engineering & Technology	Electrical Engineering Technology	150303	
B.S.	CP: Engineering & Technology	Mechanical Engineering Technology	150805	
B.S. & M.S.	CP: Science & Mathematics	Biology	260101	
B.S.	CP: Science & Mathematics	Biochemistry	260202	
B.A. & B.S. & M.S.	CP: Science & Mathematics	Chemistry	400501	
B.A. & B.S. & M.S.	CP: Science & Mathematics	Mathematics	270101	

<b>FAIRLEIGH DICKINSON UNIVERSITY</b>				
<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.A. & B.S. & M.S.	CP: Science & Mathematics	Physics	400801	
B.S. & M.A.	CP: Science & Mathematics	Science	300101	

\*\*\* Engineering & Technology programs of study can be grouped under the Career Cluster “Science, Technology, Engineering & Mathematics,” or can be grouped under a career cluster the program supports.

<b>FELICIAN COLLEGE</b>				
<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Agriculture, Food &amp; Natural Resources</b>			
Certif.	CP: Environmental Service System	Environmental Science	030102	
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Visual Arts	Art	500701	
Certif.	CP: Visual Arts	Graphic Design	500402	
	<b>Business, Management &amp; Administration</b>			
Certif.	CP: Administrative & Information Support	Data Processing—Business	521201	
Certif. &	CP: Management	Business Administration	520201	

**FELICIAN COLLEGE**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.A.				
	<b>Education and Training</b>			
Certif.	CP: Teaching & Training	Coaching—Health/Physical Education	310501	
Certif.	CP: Teaching & Training	Education & Teacher Enrichment	131299	
B.A.	CP: Teaching & Training	Elementary Education	131202	
Certif.	CP: Teaching & Training	English for Speakers of other Languages	131401	
Certif.	CP: Teaching & Training	Post-Baccalaureate Teacher Ed Certification	131299	
M.A.	CP: Teaching & Training	Religious Education	390401	
B.A.	CP: Teaching & Training	Special Education	131001	
M.A.	CP: Teaching & Training	Teacher Education	139999	
Certif.	CP: Teaching & Training	Teacher Ed. Certification—Post Baccalaureate	131299	
Certif.	CP: Teaching & Training	Translation Services	160103	
	<b>Health Services</b>			
B.S.	CP: Diagnostic Services	Allied Health Technologies	510999	
B.S.	CP: Diagnostic Services	Clinical Laboratory Sciences	511399	
A.A.S.	CP: Diagnostic Services	Medical Laboratory Technician	511004	
A.A.S. B.S.N. & M.S.N.	CP: Therapeutic	Nursing	511601 511608 511605	
	<b>Human Services</b>			
B.S.	CP: Counseling & Mental Health Services	Psychiatric Rehabilitation & Psychology	429999	
B.A.	CP: Counseling & Mental Health Services	Psychology	420101	
Certif.	CP: Family & Community Services	Gerontology	190705	
A.A.S.	CP: Family & Community Services	Psychosocial Rehabilitation	512399	
Certif. &	CP: Family & Community Services	Religious Studies	380201	

**FELICIAN COLLEGE**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.A.				
Certif.	CP: Personal Care Services	Graduate Handwriting Analyst	429999	
Certif.	CP: Personal Care Services	Handwriting Analyst	429999	
	<b>Information Technology</b>			
Certif.	CP: Information Support & Services	Computer Literacy—Information Science	110101	
Certif.	CP: Programming & Software Development	Computer Programming	110201	
B.A.	CP: Programming & Software Development	Computing Science	110101	
	<b>Marketing, Sales &amp; Services</b>			
B.A.	CP: Marketing Communications & Promotion	Managing & Marketing	520201	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.A.	CP: Science & Mathematics	Biology	260101	
B.A.	CP: Science & Mathematics	Mathematics	270101	
B.A.	CP: Science & Mathematics	Natural Sciences & Mathematics	279999	

## GEORGIAN COURT COLLEGE

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Performing Arts	Music	500901	
B.A. & B.F.A.	CP: Visual Arts	Art	500701	
	<b>Business, Management &amp; Administration</b>			
B.S.	CP: Business Financial Management & Accounting	Accounting	520301	
B.S. & M.B.A.	CP: Management	Business Administration	520201	
Certif.	CP: Management	International Management	521101	
	<b>Education &amp; Training</b>			
M.A.	CP: Administration & Administrative Support	Admin/Supervision & Curriculum Planning	130404	
B.A.	CP: Teaching & Training	Art Education	131302	
M.A.	CP: Teaching & Training	Education	130101	
B.A.	CP: Teaching & Training	Elementary Education	131202	
M.S.	CP: Teaching & Training	Instructional Technology—Technology Teachers	130501	
B.A.	CP: Teaching & Training	Music Education	131312	
B.A. & M.A.	CP: Teaching & Training	Special Education	131001	
Certif.	CP: Teaching & Training	Teacher of the Handicapped	131001	
	<b>Health Services</b>			
B.S.	CP: Diagnostic Services	Allied Health Technologies	510999	
M.A.	CP: Therapeutic Services	Holistic Health Studies	519999	
	<b>Human Services</b>			

## GEORGIAN COURT COLLEGE

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
M.A.	CP: Counseling & Mental Health Services	Counseling Psychology	420601	
B.A.	CP: Counseling & Mental Health Services	Psychology	420101	
Certif.	CP: Family & Community Services	Gerontology	190705	
B.A.	CP: Family & Community Services	Religious Studies	380201	
B.A.	CP: Family & Community Services	Sociology	451101	
B.S.W.	CP: Family & Community Services	Social Work	440701	
M.A.	CP: Family & Community Services	Theology	390601	
	<b>Information Technology</b>			
B.A.	CP: Information Support & Services	Computer Information Systems	119999	
B.S.	CP: Programming & Software Development	Computer Science	110701	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.A. & B.S. & M.S.	CP: Science & Mathematics	Biology	260101	
B.S.	CP: Science & Mathematics	Biochemistry	260202	
B.A. & B.S.	CP: Science & Mathematics	Chemistry	400501	
B.A. & M.A.	CP: Science & Mathematics	Mathematics	270101	
B.A. & B.S.	CP: Science & Mathematics	Physics	400801	

**GIBBS COLLEGE**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
A.A.S.	CP: Visual Arts	Visual Communications	500401	
	<b>Business, Management &amp; Administration</b>			
A.A.S.	CP: Administrative & Information Support	Office E-Ministration	520401	
A.A.S.	CP: Management	Business Administration	520201	
	<b>Information Technology</b>			
A.A.S.	CP: Interactive Media	WEB Administration	119999	
A.A.S.	CP: Network Systems	Computer Network Administration	521299	
A.A.S.	CP: Network Systems	Telecommunications	110201	
A.A.S.	CP: Programming & Software Development	Computer Programming	110201	
	<b>Hospitality &amp; Tourism</b>			
A.A.S.	CP: Lodging	Hospitality Management	520902	

**KEAN UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Agriculture, Food &amp; Natural Resources</b>			
B.A.	CP: Natural Resources Systems	Earth Sciences	400703	
B.A.	CP: Natural Resources Systems	Recreation Administration	310301	
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Journalism & Broadcasting	Communications	09101	
B.A.	CP: Performing Arts	Music	500901	
B.A.	CP: Performing Arts	Theatre	500501	
B.S.	CP: Printing Technology	Graphics Communication—Printing	480201	
M.S.	CP: Printing Technology	Graphic Communications Technology Management—Printing	480201	
B.A.	CP: Visual Arts	Fine Arts	500701	
B.F.A.	CP: Visual Arts	Interior Design	500408	
B.F.A.	CP: Visual Arts	Studio Arts	500702	
B.F.A.	CP: Visual Arts	Visual Communications	500401	
	<b>Business, Management &amp; Administration</b>			
M.S.	CP: Administrative & Information Support	Management Information Systems	521301	
B.A.	CP: Business Analysis	Economics	450601	
B.S.	CP: Business Financial Management & Accounting	Accounting	520301	
B.S. & M.S.	CP: Business Financial Management & Accounting	Accounting combined with a M.S.	520301	
B.S.	CP: Business Financial Management & Accounting	Finance—Business & Public Administration	520801	
B.S.	CP: Management	Management Science—Business Administration	520201	

**KEAN UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Education &amp; Training</b>			
Certif.	CP: Administration & Administrative Support	Director of Student Personnel Services	131101	
Certif.	CP: Administration & Administrative Support	Educational Supervisor	130401	
Certif.	CP: Administration & Administrative Support	School Business Administrator	130401	
M.A.	CP: Administration & Administrative Support	Educational Administration	130401	
Certif.	CP: Administration & Administrative Support	Student Personnel Services	131101	
M.A.	CP: Administration & Administrative Support	Instruction & Curriculum	131202	
M.A.	CP: Professional Support Services	Counselor Education	131101	
M.A.	CP: Professional Support Services	Educational Psychology	130802	
Certif.	CP: Professional Support Services	School Psychology & Certificate (DIPLOMA)	421701	
B.A.	CP: Professional Support Services	Speech & Hearing	131099	
Certif.	CP: Teaching & Training	Bilingual Education	131302	
B.A. & M.A.	CP: Teaching & Training	Early Childhood Education	131204	
M.A.	CP: Teaching & Training	Education Media Specialist Certification	130501	
B.A.	CP: Teaching & Training	Elementary Education	131202	
Certif.	CP: Teaching & Training	English as a Second Language	131302	
M.S.	CP: Teaching & Training	Exercise Science	310505	
M.A.	CP: Teaching & Training	Fine Arts Education	131302	
Certif.	CP: Teaching & Training	Learning Disabilities Learning Consultant	131001	
M.A.	CP: Teaching & Training	Mathematics Education	131311	
B.A.	CP: Teaching & Training	Music Education	131312	

**KEAN UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.A.	CP: Teaching & Training	Physical Education	131314	
Certif.	CP: Teaching & Training	Reading Specialist	131315	
M.A.	CP: Teaching & Training	Reading Specialization	131315	
M.A.	CP: Teaching & Training	Special Education	131001	
B.A.	CP: Teaching & Training	Speech & Theatre Arts—Teacher Certifications	131331	
B.A.	CP: Teaching & Training	Teacher of the Handicapped	131001	
B.A.	CP: Teaching & Training	Technology Education—Teacher Education	131309	
	<b>Government &amp; Public Administration</b>			
B.A. & M.P.A.	CP: Governance	Public Administration	440401	
B.A. & M.P.A.	CP: Governance	Public Administration (combined degree)	440401	
	<b>Health Services</b>			
B.S.	CP: Diagnostic Services	Medical Technology	511005	
B.S.	CP: Health Informatics	Health Information Management	510706	
M.S./M.P	CP: Health Informatics	Nursing/Public Administration	511602	
B.S. & M.S.N.	CP: Therapeutic Services	Nursing	511608	
B.S. & M.S.	CP: Therapeutic Services	Occupational Therapy	512306	
M.A.	CP: Therapeutic Services	Speech Pathology	131012	
	<b>Human Services</b>			
DIPLOMA	CP: Counseling & Mental Health Services	Marriage & Family Therapy	190703	
DIPLOMA	CP: Counseling & Mental Health Services	School Psychology & Certificate	421701	
B.S.	CP: Counseling & Mental Health	Psychiatric Rehabilitation & Psychology	429999	

**KEAN UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	Services			
B.A.	CP: Counseling & Mental Health Services	Psychology	420101	
Certif.	CP: Counseling & Mental Health Services	Substance Awareness Coordinator	131101	
B.A.	CP: Family & Community Services	Sociology	451101	
B.S.W. & M.S.W.	CP: Family & Community Services	Social Work	440701	
	<b>Information Technology</b>			
B.S.	CP: Network Systems	Telecommunications & Information Technology	119999	
B.S.	CP: Programming & Software Development	Computer Science	110101	
	<b>Law, Public Safety &amp; Security</b>			
B.A.		Criminal Justice	430103	
B.A.	CP: Legal Services	Political Science	451001	
	<b>Manufacturing</b>			
B.I.D.	CP: Manufacturing Production Process Development	Industrial Design	500404	
B.S.	CP: Manufacturing Production Process Development	Industrial Technology ***	150603	
	<b>Marketing</b>			
B.S.	CP: Marketing Communications & Promotions	Marketing	521401	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.A. & B.S.	CP: Science & Mathematics	Biology	260101	
M.S.	CP: Science & Mathematics	Computing/Statistics & Mathematics	279999	

<b>KEAN UNIVERSITY</b>				
<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.A. & B.S.	CP: Science & Mathematics	Chemistry	400501	
B.A.	CP: Science & Mathematics	Mathematical Sciences	270101	

\*\*\* Engineering & Technology programs of study can be grouped under the Career Cluster “Science, Technology, Engineering & Mathematics,” or can be grouped under a career cluster the program supports.

<b>MONMOUTH UNIVERSITY</b>				
<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Agriculture, Food &amp; Natural Resources</b>			
B.S.	CP: Environmental Service Systems	Environmental Sciences	030102	
Certif.	CP: Natural Resources System	Geographic Information Systems	450702	
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Journalism & Broadcasting	Communication	090101	
B.A.	CP: Performing Arts	Music	500901	
B.A.	CP: Visual Arts	Art	500701	
B.F.A.	CP: Visual Arts	Fine Arts	500799	
	<b>Business, Management &amp; Administration</b>			
M.S.	CP: Business Financial Management	Accounting	520301	

**MONMOUTH UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	& Accounting			
Certif.	CP: Human Resources	Human Resources Communication Specialist	090501	
M.A.	CP: Human Resources	Corporate & Public Communication	090501	
B.S. & M.B.A.	CP: Management	Business Administration	520201	
Certif.	CP: Marketing	Public Relations Specialist	090501	
	<b>Education &amp; Training</b>			
M.S.Ed.	CP: Administration & Administrative Support	Principals—Ed. Administration	130401	
M.S. Ed.	CP: Professional Support Services	Educational Counseling	131101	
B.A. & B.S. & M.A.T.	CP: Teaching & Training	Education	130101	
M.A.T.	CP: Teaching & Training	Initial Certification	130101	
M.A.T.	CP: Teaching & Training	Masters of Arts in Teaching Advanced	131202	
M.S.Ed.	CP: Teaching & Training	Reading Specialist	131315	
B.S. & M.S.Ed.	CP: Teaching & Training	Special Education	131001	
M.A.T.	CP: Teaching & Training	Subject Area—K-12 Education Advanced	131205	
Certif.	CP: Teaching & Training	Teacher of the Handicapped	131001	
Certif.	<b>Health Services</b>			
B.S.	CP: Diagnostic Services	Clinical Laboratory Sciences	511399	
B.S.	CP: Diagnostic Services	Medical Technology	511005	
Certif.	CP: Health Informatics	Healthcare Management	510701	
Certif.	CP: Health Informatics	Nursing Administration	511602	
Certif.	CP: Health Informatics	Nursing Education	511608	

**MONMOUTH UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
Certif.	CP: Therapeutic	Advanced Practice Nurse	511699	
Certif.	CP: Therapeutic	Forensic Nursing	511608	
B.S.N. & M.S.N.	CP: Therapeutic	Nursing	511608	
Certif.	CP: Therapeutic	School Nurse	511699	
	<b>Human Services</b>			
Certif.	CP: Counseling & Mental Health Services	Professional Counseling	420601	
Certif.	CP: Counseling & Mental Health Services	Substance Awareness Coordinator	511501	
B.A.	CP: Counseling & Mental Health Services	Psychology	420101	
M.A.	CP: Counseling & Mental Health Services	Psychological Counseling	420601	
B.A.	CP: Family & Community Services	Sociology	451101	
B.S.W. & M.S.W.	CP: Family & Community Services	Social Work	440701	
	<b>Information Technology</b>			
Certif.		Information Technology	110101	
Certif.	CP: Interactive Media	Media Studies Specialist	090501	
B.S. & M.S.	CP: Programming & Software Development	Computer Science	110101	
Certif.	CP: Programming & Software Development	Software Design & Development	110201	
Certif.	CP: Programming & Software Development	Software Development	140901	
B.S. & M.S.	CP: Programming & Software Development	Software Engineering ***	149999	

**MONMOUTH UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Law, Public Safety &amp; Security</b>			
Certif.		Criminal Justice Administration	430103	
B.A. & M.A.		Criminal Justice	430104	
Certif.	CP: Law Enforcement Services	Crime Mapping	430199	
B.A.	CP: Legal Services	History & Political Sciences	459999	
B.A.	CP: Legal Services	Political Science	451001	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.S.	CP: Engineering & Technology	Electronic Engineering ***	141001	
M.S.	CP: Engineering & Technology	Electrical Engineering	141001	
B.A.	CP: Science & Mathematics	Biology	260101	
B.S.	CP: Science & Mathematics	Chemistry	400501	
B.S.	CP: Science & Mathematics	Mathematics	270101	
B.S.	CP: Science & Mathematics	Physics	400801	
B.S.	CP: Science & Mathematics	Physics & Computer Science	400899	

\*\*\* Engineering & Technology programs of study can be grouped under the Career Cluster “Science, Technology, Engineering & Mathematics,” or can be grouped under a career cluster the program supports.

**MONTCLAIR STATE UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Agriculture, Food &amp; Natural Resources</b>			
M.A.	CP: Environmental Service Systems	Environmental Studies	030102	
B.S. & M.S.	CP: Natural Resources System	Geoscience	400601	
B.A.	CP: Natural Resources System	Recreation Professions	310301	
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Journalism & Broadcasting	Broadcasting	090701	
M.A.	CP: Journalism & Broadcasting	Communication Studies	0901	
B.A.	CP: Journalism & Broadcasting	Speech Communication	090101	
B.F.A.	CP: Performing Arts	Dance	500301	
B.A. & M.A.	CP: Performing Arts	Music	500901 5005	
B.A./B.MUS.	CP: Performing Arts	Music (Combined Degree)	500903	
B.A.	CP: Performing Arts	Music Therapy	512305	
B.F.A. & M.A.	CP: Performing Arts	Theatre	500501	
B.A.	CP: Performing Arts	Theatre Studies	500501	
M.A.	CP: Performing Arts	Speech & Theatre	500501	
B.A., B.F.A M.A. & M.F.A	CP: Visual Arts	Fine Arts	500701	
	<b>Business, Management &amp; Administration</b>			
B.A. & M.A.	CP: Business Analysis	Applied Economics	450602	
B.A.	CP: Business Analysis	Economics	450601	
M.S.	CP: Business Financial Management	Accounting	520301	

**MONTCLAIR STATE UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	& Accounting			
B.S. & M.B.A.	CP: Management	Business Administration	520201	
	<b>Education &amp; Training</b>			
M.A.	CP: Administration & Administrative Support	Administration & Supervision	130401	
B.S.	CP: Teaching & Training	Athletic Training	310599	
B.S. & M.A.	CP: Teaching & Training	Business Education	131303	
M.Ed.	CP: Teaching & Training	Early Childhood Special Education	1310	
M.Ed.	CP: Teaching & Training	Education	130101	
M.A.	CP: Teaching & Training	Educational Psychology	130802	
B.S. & M.A.	CP: Teaching & Training	Health Education	131307	
M.Ed.	CP: Teaching & Training	Learning Disabilities	1301	
Ed.D.	CP: Teaching & Training	Pedagogy	130101	
B.S. & M.A.	CP: Teaching & Training	Physical Education	131314	
M.A.	CP: Teaching & Training	Reading	131315	
M.A.T.	CP: Teaching & Training	Teaching	130101	
	<b>Health Services</b>			
B.S.	CP: Diagnostic Services	Allied Health Services	519999	
M.A.	CP: Therapeutic Services	Communication Sciences & Disorders	510201	
Certif.	CP: Therapeutic Services	School Nurse	5116	
	<b>Human Services</b>			
M.A.	CP: Counseling & Mental Health Services	Counseling, Human Services & Guidance	131101	
B.A. & M.A.	CP: Counseling & Mental Health Services	Psychology	420101	
M.A.	CP: Family & Community Services	Applied Sociology	451101	

**MONTCLAIR STATE UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
Certif.	CP: Family & Community Services	Child Advocacy—Community Psychology	420401	
B.A.	CP: Family & Community Services	Religious Studies	380201	
B.A.	CP: Family & Community Services	Sociology	451101	
	<b>Information Technology</b>			
B.S. & M.S.	Programming & Software Development	Computer Science	110101	
	<b>Law, Public Safety &amp; Security</b>			
B.A.		Justice Studies	309999	
B.S.	CP: Law Enforcement Services	Forensic Science	300101	
M.A.	CP: Legal Services	Legal Studies	220199	
Certif.	CP: Legal Services	Paralegal Studies	220103	
B.A.	CP: Legal Services	Political Science	451001	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.S. & M.S.	CP: Science & Mathematics	Biology	260101	
B.S.	CP: Science & Mathematics	Biochemistry	260202	
B.S. & M.S.	CP: Science & Mathematics	Chemistry	400501	
B.S. & M.S.	CP: Science & Mathematics	Mathematics	270101	
B.S.	CP: Science & Mathematics	Molecular Biology	260402	
B.S.	CP: Science & Mathematics	Physics	400801	
M.S.	CP: Science & Mathematics	Statistics	270501	

## NEW JERSEY CITY UNIVERSITY

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Agriculture, Food &amp; Natural Resources</b>			
B.A. & B.S.	CP: Natural Resources	Geosciences	400601	
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Journalism & Broadcasting	Media Art	09101	
B.A.	CP: Performing Arts	Music	500901	
B.M. & M.M.	CP: Performing Arts	Music Performance	500903	
B.A., B.F.A. & M.F.A.	CP: Visual Arts	Art	500701	
	<b>Business, Management &amp; Administration</b>			
B.A.	Business Analysis	Economics	450601	
M.S.	Business Financial Management & Accounting	Accounting	520301	
B.S.	Management	Business Administration	520201	
	<b>Education &amp; Training</b>			
M.A.	CP: Professional Support Services	Educational Psychology—School Psychology	130802	
DIPLOMA	CP: Professional Support Services	School Psychology	421701	
M.A.	CP: Teaching & Training	Art Education	131302	
B.A. & M.A.	CP: Teaching & Training	Early Childhood Education	131204	
M.A.	CP: Teaching & Training	Educational Technology—Technology Teachers	130501	
B.A.	CP: Teaching & Training	Elementary Education	131202	
M.A.	CP: Teaching & Training	Elementary School Reading	131315	

**NEW JERSEY CITY UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
M.A.	CP: Teaching & Training	Mathematics Education	131311	
M.A.	CP: Teaching & Training	Music Education	131312	
M.A.	CP: Teaching & Training	Reading Specialist	131315	
M.A.	CP: Teaching & Training	Secondary School Reading	131315	
B.A. & M.A.	CP: Teaching & Training	Special Education	131001	
M.A.T.	CP: Teaching & Training	Teaching	131206	
M.A.	CP: Teaching & Training	Urban Education—Teaching in Urban Schools	131299	
	<b>Health Services</b>			
B.S. & M.S.		Health Sciences	519999	
B.S.	CP: Diagnostic Services	Allied Health Technologies	510999	
B.S.	CP: Diagnostic Services	Clinical Laboratory Sciences	511399	
B.S.N. & M.S.	CP: Therapeutic Services	Nursing	511608 511699	
	<b>Human Services</b>			
M.A.	CP: Counseling & Mental Health Services	Counseling	131101	
B.A.	CP: Counseling & Mental Health Services	Psychology	420101	
B.A.	CP: Family & Community Services	Sociology	451101	
	<b>Information Technology</b>			
B.S.	CP: Programming & Software Development	Computer Science	110101	
	<b>Law, Public Safety &amp; Security</b>			
M.S.		Criminal Justice	430104	
B.S.		Criminal Justice, Fire Safety, Security Administration	430199	

<b>NEW JERSEY CITY UNIVERSITY</b>				
<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.A.	CP: Legal Services	Political Science	451001	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.A. & B.S.	CP: Science & Mathematics	Applied Physics	400801	
B.A. & B.S.	CP: Science & Mathematics	Biology	260101	
B.A. & B.S.	CP: Science & Mathematics	Chemistry	400501	
B.A.	CP: Science & Mathematics	Mathematics	270101	

<b>NEW JERSEY INSTITUTE OF TECHNOLOGY</b>				
<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Agriculture, Food &amp; Natural Resources</b>			
B.S. & M.S. & Ph.D.	CP: Environmental Service Systems	Environmental Engineering ***	141401	
B.S. & M.S. & Ph.D.	CP: Environmental Service Systems	Environmental Sciences	030102	
M.S.	CP: Natural Resources Systems	Environmental Policy Studies	440501	
B.S.	CP: Natural Resource Systems	Geoscience Engineering ***	141601	
	<b>Architecture &amp; Construction</b>			
B.ARCH., M. ARCH. & B.S.	CP: Design & Pre-Construction	Architecture	040201	

**NEW JERSEY INSTITUTE OF TECHNOLOGY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
M.S.	CP: Design & Pre-Construction	Architectural Studies	040201	
B.S. & D.E. & M.S. & Ph.D.	CP: Design & Pre-Construction	Civil Engineering ***	140801	
Certif.	CP: Design & Pre-Construction	Project Management—Civil Engineering	140801	
	<b>Business, Management &amp; Administration</b>			
Certif.	CP: Administration & Information Support	Management of Technology—Business Administration	520299	
M.B.A.	CP: Administration & Information Support	Management of Technology	520299	
Certif.	CP: Business Analysis	E-Commerce—Business Administration	520299	
Certif.	CP: Management	General Management—Business Administration	520201	
B.S. & M.S.	CP: Management	Management—Business Administration	520201	
Certif.	CP: Human Resources	Managing Human Resources	520201	
	<b>Government &amp; Public Administration</b>			
Certif.	CP: Planning	Environmental Assessment—Public Policy	440501	
Certif.	CP: Planning	Environmental Infrastructure & Management—Public Policy	440501	
Certif.	CP: Planning	Environmental Site Remediation—Public Policy	440501	
M.I.P.	CP: Planning	Infrastructure Planning—Public Policy	040301	
Ph.D.	CP: Planning	Urban Systems—Public Policy	459999	
	<b>Health Services</b>			
Certif.	CP: Health Informatics	Health Care Information Systems	119999	
M.S.N.	CP: Health Informatics	Nursing—Nursing Informatics	511608	

**NEW JERSEY INSTITUTE OF TECHNOLOGY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
M.P.H.	CP: Health Informatics	Public Health	512201	
B.S. & M.S. & Ph.D	CP: Support Services	Biomedical Engineering ***	140501	
B.S.N.	CP: Therapeutic Services	Nursing	511608	
	<b>Information Technology</b>			
B.S.		Information Technology	119999	
B.S. & M.S. & Ph.D.		Computer Engineering ***	140901	
Ph.D.	CP: Information & Support Services	Computer & Information Science	110101	
B.A. & B.S. & M.S. & Ph.D.	CP: Information & Support Services	Information Systems	110401	
Certif.	CP: Information & Support Services	Information Systems Design & Development	110401	
Certif.	CP: Information & Support Services	Electronic Media Design—Technical Communication	231101	
Certif.	CP: Information & Support Services	Practice of Technical Communications	231101	
B.A. & B.S. & M.S.	CP: Information & Support Services	Professional & Technical Communication	231101	
Certif.	CP: Interactive Media	Internet Applications Development	110401	
M.S.	CP: Interactive Media	Internet Engineering ***	149999	
Certif.	CP: Network Systems	Computer Networking	140901	
Certif.	CP: Network Systems	Object-Oriented Design & Telecommunication Networking	110101	
Certif.	CP: Network Systems	Telecommunications Networking	141001	
B.S. & M.S. & Ph.D	CP: Programming & Software Development	Computer Science	110101 110701	
B.S.	CP: Programming & Software Development	Human Computer Interaction	110401	

**NEW JERSEY INSTITUTE OF TECHNOLOGY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
Certif.	CP: Programming & Software Development	Object-Oriented Design	110101	
Certif.	CP: Programming & Software Development	Object-Oriented Software Development	110101	
Certif.	CP: Programming & Software Development	Programming Environmental Tools	110101	
	<b>Manufacturing Technology</b>			
B.S. & M.S. & Ph.D.	CP: Manufacturing Production Process Development	Industrial Engineering ***	141701	
B.S.	CP: Manufacturing Production Process Development	Industrial Engineering with B.A. Physics	141701	
B.S.	CP: Manufacturing Production Process Development	Manufacturing Engineering	141701	
M.S.	CP: Manufacturing Production Process Development	Manufacturing Systems Engineering	141701	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.S. & M.S. & D.E. & Ph.D.	CP: Engineering & Technology	Chemical Engineering	140701	
B.S. & D.E. & M.S. & Ph.D.	CP: Engineering & Technology	Electrical Engineering ***	141001	
M.S.	CP: Engineering & Technology	Engineering Management	143001	
B.S. & M.S.	CP: Engineering & Technology	Engineering Science	141301	
B.A. & B.S.	CP: Engineering & Technology	Engineering Technology	159999	
M.S. & Ph.D.	CP: Engineering & Technology	Materials Science & Engineering	141801	
D.E. & M.S.	CP: Engineering & Technology	Mechanical Engineering	141901	

<b>NEW JERSEY INSTITUTE OF TECHNOLOGY</b>				
<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
& Ph.D.				
M.S.	CP: Engineering & Technology	Occupational Safety & Industrial Hygiene	150701	
M.S.	CP: Engineering & Technology	Occupational Safety & Health Engineering	149999	
M.S.	CP: Engineering & Technology	Pharmaceutical Engineering	149999	
Certif. & M.A.	CP: Science & Mathematics	Applied Chemistry	400501	
B.A. & M.S.	CP: Science & Mathematics	Applied Mathematics	270301	
M.S.	CP: Science & Mathematics	Applied Science	409999	
B.S. & M.S. & Ph.D	CP: Science & Mathematics	Applied Physics	400899	
M.S.	CP: Science & Mathematics	Applied Statistics	270501	
B.A. & B.S. & M.S. & Ph.D	CP: Science & Mathematics	Biology	260101	
Ph.D.	CP: Science & Mathematics	Chemistry	400501	
M.S.	CP: Science & Mathematics	Computational Biology	260699	
B.A. & B.S. & Ph.D.	CP: Science & Mathematics	Mathematical Sciences	270301 270101	
B.S.	CP: Science & Mathematics	Science, Technology & Society	301501	
	<b>Transportation, Distribution &amp; Logistics</b>			
M.S. & Ph.D		Transportation	140804	

\*\*\* Engineering & Technology programs of study can be grouped under the Career Cluster “Science, Technology, Engineering & Mathematics,” or can be grouped under a career cluster the program supports.

**PRINCETON UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Agriculture, Food &amp; Natural Resources</b>			
B.A. & M.A. & Ph.D.	CP: Natural Resources Systems	Geological & Geophysical Sciences	400601	
M.A. & Ph.D.	CP: Natural Resources Systems	Atmospheric & Oceanic Sciences	400401	
	<b>Architecture &amp; Construction</b>			
B.A. & M.ARCH. & Ph.D.	CP: Design/Pre-Construction	Architecture	040201	
B.S.E., M.A. M.S.E., & Ph.D.	CP: Design/Pre-Construction	Civil & Environmental Engineering ***	140801	
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A. & M.F.A. & Ph.D.	CP: Performing Arts	Music	500901	
B.A. & M.A.	CP: Visual Arts	Art & Archaeology	500703	
M.S. & Ph.D.	CP: Visual Arts	Chinese Art & Archeology	500703	
M.A. & Ph.D.	CP: Visual Arts	Classical Archeology	450301	
M.A. & Ph.D.	CP: Visual Arts	Japanese Art & Archeology	500703	
	<b>Business, Management &amp; Administration</b>			
B.A. & M.A.	CP: Business Analysis	Economics	450601	

**PRINCETON UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
& Ph.D.				
M.A. & Ph.D.	CP: Business Analysis	Economics & Demography	450601	
	<b>Government &amp; Public Administration</b>			
M.A. & Ph.D.	CP: Planning	Demography—Population Studies	450501	
M.A. & Ph.D.	CP: Planning	Public Affairs & Demography	440401 449999	
M.P.A.	CP: Planning	Urban & Regional Planning	040301	
M.P.A. & Ph.D.	CP: Public Management & Administration	Public Affairs	440401	
B.A.	CP: Public Management & Administration	Public & International Affairs	440401	
M.P.P.	CP: Public Management & Administration	Public Policy	440501	
	<b>Human Services</b>			
B.A. & M.A. & Ph.D.	CP: Counseling & Mental Health Services	Psychology	420101	
B.A. & M.A. & Ph.D.	CP: Family & Community Services	Religion	380201	
B.A. & M.A. & Ph.D.	CP: Family & Community Services	Sociology	451101	
M.A. & Ph.D.	CP: Family & Community Services	Sociology & Demography	451101	
	<b>Information Technology</b>			
B.A. & M.A. B.S.E.,	CP: Programming & Software Development	Computer Science Computer Science	110101 140901	

**PRINCETON UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
M.S.E. & Ph.D.				
	<b>Law, Public Safety &amp; Security</b>			
B.A. & Ph.D.	CP: Legal Studies	Politics	451001	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.S.E. & M.A. & M.S.E. & Ph.D.	CP: Engineering Technology	Chemical Engineering	140701	
B.S.E. & M.A. & M.S.E. & Ph.D.	CP: Engineering Technology	Electrical Engineering ***	141001	
B.S.E. & M.A. & M.S.E. & Ph.D.	CP: Engineering Technology	Mechanical & Aerospace Engineering Technology	141901	
B.S.E. & M.A. & M.S.E. & Ph.D.	CP: Engineering Technology	Operations Research, Financial Engineering	143001	
M.A. & Ph.D.	CP: Science & Mathematics	Applied & Computational Mathematics	270301	
M.A. & Ph.D.	CP: Science & Mathematics	Astrophysical Sciences	400301	
M.A. &	CP: Science & Mathematics	Biology & Neuroscience	260608	

**PRINCETON UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
Ph.D.				
B.A. & M.A. & M.S. & Ph.D.	CP: Science & Mathematics	Chemistry	400501	
B.A. & M.A. & Ph.D.	CP: Science & Mathematics	Ecology & Evolutionary Biology	260603	
B.A. & M.A. & Ph.D.	CP: Science & Mathematics	Mathematics	270101	
M.A. & Ph.D.	CP: Science & Mathematics	Mathematical Physics	270301	
B.A. & M.A. & Ph.D.	CP: Science & Mathematics	Molecular Biology	260402	
B.A. & M.A. & Ph.D.	CP: Science & Mathematics	Physics	400801	
M.A. & Ph.D.	CP: Science & Mathematics	Physics & Chemical Physics	400599	
M.A. & Ph.D.	CP: Science & Mathematics	Psychology & Neuroscience	429999	

\*\*\* Engineering & Technology programs of study can be grouped under the Career Cluster “Science, Technology, Engineering & Mathematics,” or can be grouped under a career cluster the program supports.

**RAMAPO COLLEGE OF NEW JERSEY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Agriculture, Food &amp; Natural Resources</b>			
B.S.	CP: Environmental Service Systems	Environmental Science	430102	
B.A.	CP: Environmental Service Systems	Environmental Studies	430102	
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Journalism & Broadcasting	Communication Arts	090109	
B.A.	CP: Visual Arts	Contemporary Arts	500706	
B.A.	CP: Visual Arts	Fine Arts	500701	
	<b>Business, Management &amp; Administration</b>			
B.A.	CP: Business Analysis	Economics	450601	
B.S.	CP: Business Financial Management & Accounting	Accounting	520301	
B.S. & M.B.A.	CP: Management	Business Administration	520201	
B.A.	CP: Management	International Business	521101	
	<b>Health Services</b>			
B.S.	CP: Biotechnology Research & Development	Bioinformatics	269999	
B.S.	CP: Diagnostic Services	Allied Health Technologies	510999	
B.S.	CP: Diagnostic Services	Clinical Laboratory Sciences	511399	
Certif.& M.S.N.	CP: Therapeutic Services	Nursing Education	511608	
B.S.N.	CP: Therapeutic Services	Nursing	511608	
	<b>Education &amp; Training</b>			
M.S.	Teaching & Training	Educational Technology--Education	139999	
	<b>Government &amp; Public</b>			

**RAMAPO COLLEGE OF NEW JERSEY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Administration</b>			
B.S.	CP: Foreign Service	International Studies	050199	
	<b>Human Services</b>			
B.A. & B.S.	CP: Counseling & Mental Health Services	Psychology	420101	
B.A.	CP: Family & Community Services	Sociology	451101	
B.S.W.	CP: Family & Community Services	Social Work	440701	
	<b>Information Technology</b>			
B.S.	CP: Information Support & Services	Information Systems	110401	
B.S.	CP: Programming & Software Development	Computer Science	110101	
	<b>Law, Public Safety &amp; Security</b>			
B.A.	CP: Law Enforcement Services	Law & Society	220199	
B.A.	CP: Legal Services	Political Science	451001	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.S.	CP: Science & Mathematics	Biology	260101	
B.S.	CP: Science & Mathematics	Biochemistry	260202	
B.S.	CP: Science & Mathematics	Chemistry	400501	
B.S.	CP: Science & Mathematics	Integrated Science Studies	300101	
B.S.	CP: Science & Mathematics	Mathematics	270101	
B.S.	CP: Science & Mathematics	Physics	400801	

## RICHARD STOCKTON COLLEGE OF NEW JERSEY

Degree or Award	Broad Industry Area (BOLD) & Career Pathway (CP)	Program Name	University College CIP Code	State CIP Code
	<b>Agriculture, Food &amp; Natural Resources</b>			
B.A. & B.S.	CP: Environmental Service Systems	Environmental Studies	030102	
B.A. & B.S.	CP: Natural Resources System	Geology	400601	
B.A. & B.S.	CP: Natural Resources System	Marine Science	260607	
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
M.A.	CP: Interactive Media	Instructional Technology	130501	
B.A.	CP: Journalism & Broadcasting	Communications Studies	090101	
B.A.	CP: Visual Arts	Studies in Art	500101	
	<b>Business, Management &amp; Administration</b>			
B.A.	CP: Business Analysis	Economics	450601	
B.A. & B.S.	CP: Management	Business Studies—Business Administration	520201	
M.S.	CP: Management	Business—Business Administration	520201	
	<b>Education &amp; Training</b>			
B.A.	CP: Teaching & Training	Teacher Education	131206	
	<b>Health Services</b>			
B.S.	CP: Health Informatics	Public Health	512201	
B.S.N.	CP: Therapeutic Services	Nursing	511608	
M.S.	CP: Therapeutic Services	Nursing—Adult Health Practitioner	511608	
M.S.	CP: Therapeutic Services	Occupational Therapy	512306	
M.P.T.	CP: Therapeutic Services	Physical Therapy	512308	
B.S.	CP: Therapeutic Services	Speech Pathology & Audiology	510204	
	<b>Human Services</b>			
B.A. & B.S.	CP: Family & Community Services	Psychology	420101	

**RICHARD STOCKTON COLLEGE OF NEW JERSEY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.S.	CP: Family & Community Services	Social Work	440701	
	<b>Information Technology</b>			
B.A. & B.S.	CP: Programming & Software Development	Computer Science & Information Systems	110401	
	<b>Law, Public Safety &amp; Security</b>			
B.A.		Criminal Justice	450401	
B.A.	CP: Legal Services	Political Science	451001	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.A. & B.S.	CP: Science & Mathematics	Applied Physics	400801	
B.A. & B.S.	CP: Science & Mathematics	Biology	260101	
B.S.	CP: Science & Mathematics	Biochemistry/Molecular Biology	260202	
B.A. & B.S.	CP: Science & Mathematics	Chemistry	400501	
B.A. & B.S.	CP: Science & Mathematics	Mathematics	270101	

## RIDER UNIVERSITY

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Agriculture, Food &amp; Natural Resources</b>			
B.S.	CP: Environmental Service Systems	Environmental Sciences	030102	
B.S.	CP: Natural Resources Systems	Geosciences	400601	
B.S.	CP: Natural Resources Systems	Marine Science	400702	
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Journalism & Broadcasting	Communication	231001	
B.A.	CP: Journalism & Broadcasting	Journalism	090401	
M.M.	CP: Performing Art	Choral Conducting	500908	
B. M. & M.M.	CP: Performing Art	Church Music	500999	
M.M.	CP: Performing Art	Composition	500904	
B.A.	CP: Performing Art	Music	500901	
B.M. & M.M.	CP: Performing Art	Organ Performance	500907	
B.M.	CP: Performing Art	Piano	500907	
M.M.	CP: Performing Art	Piano Accompanying & Coaching	500907	
M.M.	CP: Performing Art	Piano Pedagogy & Performance	500907	
M.M.	CP: Performing Art	Piano Performance	131315	
B.M.	CP: Performing Art	Theory/Composition	500904	
B.M.	CP: Performing Art	Voice Performance	500908	
M.M.	CP: Performing Art	Voice Pedagogy & Performance	420601	
B.A.	CP: Visual Arts	Fine Arts	500701	
	<b>Business, Management &amp; Administration</b>			
A.A. &	CP: Administrative & Information	Office Administration	520401	

## RIDER UNIVERSITY

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.S.	Support		520204	
B.A. & B.S.	CP: Business Analysis	Business Economics	520601	
B.A.	CP: Business Analysis	Economics	450601	
B.A. & B.S.	CP: Business Financial Management & Accounting	Accounting	520301	
M.A.C.C.	CP: Business Financial Management & Accounting	Accountancy	520301	
Certif.	CP: Business Financial Management & Accounting	Budgeting & Financial Administration	440401	
A.A. & B.A. & B.S.	CP: Human Resources	Human Resource Management	521002	
B.A. & B.S.	CP: Human Resources	Management & Leadership—Human Resource Management	521003	
A.A., B.A., B.S. & M.B.A.	CP: Management	Business Administration	520201	
B.A. & B.S.	CP: Management	Global Business	521101	
B.A. & B.S.	CP: Management	Management Sciences	521301	
	<b>Education &amp; Training</b>			
M.A.	CP: Administration & Administrative Support	Curriculum Instruction & Supervision	130301	
M.A.	CP: Administration & Administrative Support	Educational Administration	130401	
B.S.Ed. & M.A.	CP: Teaching & Training	Business Education—Academic/Vocational Education	131303	
B.S.Ed.	CP: Teaching & Training	Distributive Education—Academic & Vocational Ed.	131310	

## RIDER UNIVERSITY

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.A.	CP: Teaching & Training	Elementary Education	131202	
B.M., M.M., & M.M.E.	CP: Teaching & Training	Music Education—Academic/Vocational Education	131312	
M.A.	CP: Teaching & Training	Reading Language Arts—Vocational-Education	131315	
B.A.	CP: Teaching & Training	Secondary Education	131205	
M.A.	CP: Teaching & Training	Special Education	131001	
	<b>Finance</b>			
B.A. & B.S.	CP: Business Financial Management	Actuarial Science	520802	
B.A. & B.S.	CP: Financial & Investment Planning	Finance—Investment Analysis, Markets & Institutions	520801	
	<b>Government &amp; Public Administration</b>			
Certif.	CP: Governance	Advanced Government Administration	440401	
Certif.	CP: Public Management & Administration	Health & Community Services Administration	440401	
M.A.	CP: Public Management & Administration	Human Services Administration	440401	
Certif.	CP: Regulation	Information Systems & Data Administration—Public Administration	440401	
	<b>Human Services</b>			
ED.S. M.A.	CP: Counseling & Mental Health Services	Counseling Services	420601 131101	
B.A.	CP: Family & Community Services	Psychology	420101	
ED.S	CP: Family & Community Services	School Psychology	421701	
B.A.	CP: Family & Community Services	Sociology	451101	
	<b>Information Technology</b>			
B.A. & B.S.	CP: Information Support & Services	Computer Information Systems	110101	

<b>RIDER UNIVERSITY</b>				
<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Law, Public Safety &amp; Security</b>			
B.A.	CP: Legal Services	Political Science	451001	
	<b>Marketing, Sales &amp; Service</b>			
B.A. & B.S.	CP: Marketing Communications & Promotions	Advertising	090201	
B.A. & B.S.	CP: Marketing Communications & Promotions	Marketing	520401	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.S.	CP: Science & Mathematics	Biology	260101	
B.S.	CP: Science & Mathematics	Biochemistry	260202	
B.S.	CP: Science & Mathematics	Biopsychology	301001	
B.S.	CP: Science & Mathematics	Chemistry	400501	
B.A.	CP: Science & Mathematics	Mathematics	270101	
B.A.	CP: Science & Mathematics	Physics	400801	

<b>ROWAN UNIVERSITY</b>				
<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Architecture &amp; Construction</b>			
B.S.	CP: Design/Pre-Construction	Civil Engineering ***	140801	
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Journalism & Broadcasting	Communications	090101	

**ROWAN UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.M.	CP: Performing Art	Jazz Studies	500901	
B.A.	CP: Performing Art	Music	500901	
M.M.	CP: Performing Art	Music Performance	500903	
B.M.	CP: Performing Art	Performance	500903	
M.A.	CP: Performing Art	Theatre	500501	
B.A.	CP: Performing Art	Theatre Arts	500501	
B.M.	CP: Performing Art	Theory Composition	500904	
B.A. & B.F.A.	CP: Visual Arts	Art	500701	
	<b>Business, Management &amp; Administration</b>			
B.A.	CP: Business Analysis	Economics	450601	
B.S. & M.S.	CP: Business Financial Management & Accounting	Accounting		
B.S. & M.B.A.	CP: Management	Business Administration	520201	
	<b>Education &amp; Training</b>			
M.A.	CP: Administration & Administrative Support	School Administration	130405	
M.A.	CP: Administration & Administrative Support	Supervision & Curriculum Development	130301	
ED.D.	CP: Administration & Administrative Support	Educational Leadership	139999	
M.A.	CP: Professional Support Services	School & Public Librarianship	250101	
M.A.	CP: Professional Support Services	Student Personnel Services	131101	
B.A.	CP: Teaching & Training	Collaborative Teaching & Co-Teach Cert.	131299	
M.A.	CP: Teaching & Training	Educational Technology	130501	
B.A.	CP: Teaching & Training	Elementary Education	131202	

**ROWAN UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
M.A.	CP: Teaching & Training	Elementary School Teaching	131202	
M.A.	CP: Teaching & Training	Environmental Education & Conservation	131399	
B.A.	CP: Teaching & Training	Health & Exercise Science	131314	
M.A.	CP: Teaching & Training	Higher Education	130407	
M.A. & ED.S	CP: Teaching & Training	Learning Disabilities	131011	
M.A.	CP: Teaching & Training	Music Education	131399	
M.A.	CP: Teaching & Training	Reading Education	131315	
ED.S.	CP: Teaching & Training	Reading	131315	
M.A.	CP: Teaching & Training	Special Education	131001	
M.A.	CP: Teaching & Training	Subject Matter Teaching	131399	
B.A.	CP: Teaching & Training	Teacher of the Handicapped	131001	
M.S.T.	CP: Teaching & Training	Teaching—Academic & Vocational Ed.	130101	
	<b>Government &amp; Public Administration</b>			
M.A.	CP: Public Management & Administration	Public Relations	090501	
	<b>Health Science</b>			
B.A.	CP: Therapeutic Services	School Nursing	511699	
	<b>Human Services</b>			
M.A.	CP: Counseling & Mental Health Services	Applied Psych & Prof. Mental Health Counseling	420601	
ED.S	CP: Counseling & Mental Health Services	Educational Services: School Psychologist Cert	421701	
B.A.	CP: Counseling & Mental Health Services	Psychology	420101	
M.A.	CP: Counseling & Mental Health Services	School Psychology—Prof School Psychology	421701	

<b>ROWAN UNIVERSITY</b>				
<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.A.	CP: Family & Community Services	Sociology	451101	
	<b>Information Technology</b>			
B.A.	Programming & Software Development	Computer Science	110101	
	<b>Law, Public Safety &amp; Security</b>			
B.A.		Law/Justice	430107	
B.A.	CP: Legal Services	Political Science	451001	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.S.	CP: Engineering & Technology	Chemical Engineering	140701	
M.S.	CP: Engineering & Technology	Engineering	140101	
B.S.	CP: Engineering & Technology	Electrical & Computer Engineering	141001	
B.S.	CP: Engineering & Technology	Mechanical Engineering	141901	
B.S.	CP: Science & Mathematics	Biochemistry	260202	
B.S.	CP: Science & Mathematics	Biological Science	260101	
B.S.	CP: Science & Mathematics	Chemistry	400501	
B.A., B.S., & M.A.	CP: Science & Mathematics	Mathematics	270101	
B.S.	CP: Science & Mathematics	Physical Science	400101	
B.S.	CP: Science & Mathematics	Physics	400801	

\*\*\* Engineering & Technology programs of study can be grouped under the Career Cluster “Science, Technology, Engineering & Mathematics,” or can be grouped under a career cluster the program supports.

**RUTGERS UNIVERSITY, CAMDEN**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Performing Art	Music	500901	
B.A.	CP: Performing Art	Theatre Arts	500501	
B.A.	CP: Visual Arts	Art	500701	
	<b>Business, Management &amp; Administration</b>			
B.A.	CP: Business Analysis	Economics	450601	
B.S. & M.ACC.	CP: Business Financial Management & Accounting	Accounting	520301	
M.B.A.	CP: Management	Business Administration	520201	
B.S.	CP: Management	Management	520201	
	<b>Finance</b>			
B.S.	CP: Financial & Investment Planning	Finance	520801	
	<b>Government &amp; Public Administration</b>			
B.A.	CP: Planning	Urban Studies	451201	
M.P.A.	CP: Public Management & Administration	Public Administration	440401	
	<b>Health Services</b>			
B.S.	CP: Biotechnology Research & Development	Biomedical Technology	511005	
B.S.	CP: Therapeutic Services	Nursing	511601	
M.P.T.	CP: Therapeutic Services	Physical Therapy	512308	
	<b>Hospitality &amp; Tourism</b>			
B.H.M.	CP: Lodging	Hospitality Management	520901	

**RUTGERS UNIVERSITY, CAMDEN**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Human Services</b>			
B.A.	CP: Counseling & Mental Health Services	Psychology	420101	
B.A.	CP: Family & Community Services	Sociology	451101	
B.A.	CP: Family & Community Services	Social Work	440701	
	<b>Information Technology</b>			
B.A. & B.S.	Programming & Software Development	Computer Science	110101	
	<b>Law, Public Safety &amp; Security</b>			
B.S.		Criminal Justice	430104	
J.D.	CP: Legal Services	Law	220101	
B.A.	CP: Legal Services	Political Science	451001	
	<b>Marketing, Sales &amp; Service</b>			
B.S.	CP: Marketing Communications & Promotions	Marketing—Marketing Management	521401	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.A., M.S. & M.S.T.	CP: Science & Mathematics	Biology	260101	
B.A. & M.S.	CP: Science & Mathematics	Chemistry	400501	
B.A.	CP: Science & Mathematics	Mathematics	270101	
M.S.	CP: Science & Mathematics	Mathematical Sciences	279999	
B.A.	CP: Science & Mathematics	Physics	400801	

**RUTGERS UNIVERSITY, NEW BRUNSWICK**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Agriculture, Food &amp; Natural Resources,</b>			
B.S.		Agricultural Science	020101	
M.S.	CP: Agribusiness Systems	Agricultural Economics	010103	
Certif.	CP: Agribusiness Systems	International Agriculture/Environment	010701	
B.S., M.S. & PH.D.	CP: Animal Systems	Animal Sciences	020201	
M.S. & PH.D.	CP: Animal Systems	Cellular & Molecular Pharmacology—Zoology	260705	
M.S. & PH.D.	CP: Animal Systems	Entomology—Zoology	260702	
M.S. & PH.D.	CP: Animal Systems	Physiology & Neurobiology—Zoology	260706	
Certif.	CP: Environmental Service Systems	Environmental Resource Monitoring	030102	
B.S., M.S. & PH.D.	CP: Environmental Service Systems	Environmental Sciences	030102	
B.S. & M.S.	CP: Food, Products & Processing Systems	Bioresource Engineering ***	140301	
B.S. M.S. M.PHIL. & PH.D.	CP: Food, Products & Processing Systems	Food Science	020301	
B.S., M.S., M.PHIL. & PH.D.	CP: Food, Products & Processing Systems	Nutritional Sciences	260609	
B.S.	CP: Natural Resources Systems	Environmental Policy/Institutions & Behavior	030102	
B.S., M.S.,	CP: Natural Resources Systems	Geological Sciences	400601	

**RUTGERS UNIVERSITY, NEW BRUNSWICK**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
M.PHIL. & PH.D.				
B.S.	CP: Natural Resources Systems	Natural Resources Management	030201	
B.S.	CP: Natural Resources Systems	Marine Science	260607	
M.S. & PH.D.	CP: Natural Resources Systems	Oceanography	400702	
M.S. M.PHIL. & PH.D.	CP: Plant Systems	Plant Biology	260301	
B.S.	CP: Plant Systems	Plant Science	020401	
	<b>Architecture &amp; Construction</b>			
B.S.	CP: Design & Pre-Construction	Civil Engineering ***	140801	
M.S. & M.PHIL. & PH.D.	CP: Design & Pre-Construction	Civil & Environmental Engineering	140801	
Certif.	CP: Design & Pre-Construction	Environmental Planning—Architecture	040401	
B.S.	CP: Design & Pre-Construction	Environmental Planning & Design--Architecture	040401	
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Journalism & Broadcasting	Communication	090101	
B.A.	CP: Journalism & Broadcasting	Journalism & Mass Media	090401	
DIPLOMA	CP: Performing Art	Artist’s Diploma in Music	500903	
B.A. & B.F.A. & M.F.A.	CP: Performing Art	Dance	500301	
B.A., B.MUS.	CP: Performing Art	Music	500901 500903	

**RUTGERS UNIVERSITY, NEW BRUNSWICK**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
M.A., M.M., M.PHIL., D.M.A & PH.D			500901 500901 500903 500901	
B.A., B.F.A., M.F.A. & M.T.A.	CP: Performing Art	Theatre Arts	500501	
B.A. & M.A., M.PHIL. & PH.D.	CP: Visual Arts	Art History	500703	
B.A., B.F.A. & M.F.A.	CP: Visual Arts	Visual Arts	500701	
	<b>Business, Management &amp; Administration</b>			
B.A., M.A., M.PHIL. & PH.D.	CP: Business Analysis	Economics	450601	
B.S.	CP: Business Analysis	Environmental & Business Economics	459999	
B.S. & M. ACC.	CP: Business Financial Management & Accounting	Accounting	520301	
B.A.	CP: Human Resources	Labor Studies—Human Resources	521002	
M.H.R.M	CP: Human Resources	Human Resource Management	521001	
M.L.E.R.	CP: Human Resources	Labor & Employment Relations	521001	
PH.D.	CP: Human Resources	Industrial Relations & Human Resources	521002	
B.S.	CP: Management	Management	520201	
B.S.	CP: Management	Management Science & Information Systems	521301	
	<b>Education &amp; Training</b>			
M.ED.	CP: Administration &	Administrative & Supervision/Elem. Ed.	130405	

**RUTGERS UNIVERSITY, NEW BRUNSWICK**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	Administrative Support			
M.ED.	CP: Administration & Administrative Support	Administration & Supervision/Second Ed.	130405	
ED.S. & ED.D.	CP: Administration & Administrative Support	Educational Administration & Supervision	130401	
M.ED. & ED.D.	CP: Administration & Administrative Support	Educational Statistics & Measurement— Educational Evaluation	130603	
M.L.S.	CP: Administration & Administrative Support	Library Administration	259999	
M.ED.	CP: Administration & Administrative Support	School Business Administration	130401	
M.PHIL., PH.D.	CP: Professional Support Services	Communication, Information, Library Studies	250101	
M.L.S.	CP: Professional Support Services	Educational Media Services	259999	
M.L.S.	CP: Professional Support Services	Information Science—Library Science	250101	
M.L.I.S.	CP: Professional Support Services	Library & Information Science	250101	
Certif.	CP: Professional Support Services	Library Services	250101	
M. M.E.D	CP: Teaching & Training	Adult & Continuing Education	131201	
PH.D.	CP: Teaching & Training	Education	130101	
M.ED., ED.S. & ED.D.	CP: Teaching & Training	Elementary & Early Childhood Education	131202	
B.S.	CP: Teaching & Training	Exercise Science & Sport Studies	131314	
ED.S. M.E.D. & ED.D.	CP: Teaching & Training	Language Education	131306	
M.ED. ED.S. &	CP: Teaching & Training	Literacy Education	131305 131399	

**RUTGERS UNIVERSITY, NEW BRUNSWICK**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
ED.D.			131399	
M.ED. ED.S. & ED.D.	CP: Teaching & Training	Mathematics Education	131311	
M.M.	CP: Teaching & Training	Music Education	131312	
Certif.	CP: Teaching & Training	P-3 Education Certification	131204	
M.ED.	CP: Teaching & Training	Reading	131315	
M.ED. & ED.S. & ED.D.	CP: Teaching & Training	Science Education	131316	
M.ED. & ED.S. & ED.D.	CP: Teaching & Training	Social Studies Education	131318	
M.ED. & ED.D.	CP: Teaching & Training	Special Education	131001	
Certif.	CP: Teaching & Training	Teaching of Writing	131305	
M.ED. & ED.S. & ED.D.	CP: Teaching & Training	Vocational-Technical Education	131319	
	<b>Finance</b>			
M.Q.F.	CP: Business Financial Management & Accounting	Quantitative Finance	520801	
B.S.	CP: Financial & Investment Planning	Finance	520801	
	<b>Government &amp; Public Administration</b>			
M.C.R.P.	CP: Planning	City & Regional Planning	040301	
M.C.R.S.	CP: Planning	City & Regional Studies	040301	
B.A.	CP: Planning	Urban Studies	451201	

**RUTGERS UNIVERSITY, NEW BRUNSWICK**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
PH.D.	CP: Planning	Urban Planning & Policy Development	040301	
M.P.A.P.	CP: Public Management & Administration	Public Affairs & Politics	440501	
M.P.P.	CP: Public Management & Administration	Public Policy	440501	
	<b>Health Services</b>			
BS.	CP: Biotechnology Research & Development	Biotechnology	260616	
B.A.	CP: Biotechnology Research & Development	Cell Biology & Neuroscience	260401	
M.S. & PH.D.	CP: Biotechnology Research & Development	Cell & Developmental Biology	260401	
B.A.	CP: Biotechnology Research & Development	Genetics & Microbiology	260613	
M.S. & PH.D.	CP: Biotechnology Research & Development	Medicinal Chemistry	400505	
M.S., M.PHIL. & PH.D.	CP: Biotechnology Research & Development	Microbiology & Molecular Genetics	260402 260501 260402	
M.S. & PH.D.	CP: Biotechnology Research & Development	Toxicology	260612	
B.S.	CP: Diagnostic Services	Medical Technology	511005	
Certif.	CP: Health Informatics	Bioethics & Public Health	512299	
B.S., M.P.H. & DR.P.H. & PH.D.	CP: Health Informatics	Public Health	512201	
M.S.	CP: Health Informatics	Health Care Management	510701	
B.S.,	CP: Support Services	Biomedical Engineering ***	140501	

**RUTGERS UNIVERSITY, NEW BRUNSWICK**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
M.S. & PH.D.				
B.S. & PHARM. D.	CP: Therapeutic Services	Pharmacy	512001	
M.S. & PH.D.	CP: Therapeutic Services	Pharmaceutical Science	400505	
	<b>Human Services</b>			
M.ED. & ED.D.	CP: Counseling & Mental Health Services	Counseling Psychology	131101	
PSY.M. & PSY.D.	CP: Counseling & Mental Health Services	Professional Psychology	420101	
B.A., B.S., M.S. & PH.D.	CP: Counseling & Mental Health Services	Psychology	420101	
B.A.	CP: Family & Community Services	Religion	380201	
B.A., M.A. & M.PHIL. & PH.D.	CP: Family & Community Services	Sociology	451101	
B.A. & M.S.W. & PH.D.	CP: Family & Community Services	Social Work	440701	
	<b>Information Technology</b>			
B.A.	CP: Information Support & Services	Information Technology & Informatics	110401	
M.C.I.S.	CP: Information Support & Services	Communication & Information Studies	110401	
B.A., B.S., M.S., M.PHIL. & PH.D.	CP: Programming & Software Development	Computer Science	110101	

## RUTGERS UNIVERSITY, NEW BRUNSWICK

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Law, Public Safety &amp; Security</b>			
B.S. M.A.	CP: Law Enforcement Services	Criminal Justice	430103 430104	
B.A., M.A., M.PHIL., & PH.D.	CP: Legal Services	Political Science	451001	
	<b>Manufacturing</b>			
B.S.	CP: Manufacturing Production Process Development	Industrial Engineering	141701	
M.S. & PH.D.	CP: Manufacturing Production Process Development	Industrial & Systems Engineering	141701	
	<b>Marketing, Sales &amp; Service</b>			
B.S.	CP: Marketing Communications & Promotions	Marketing	521401	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.S.	CP: Engineering & Technology	Applied Sciences in Engineering	141301	
B.S. M.S. M.PHIL.& PH.D.	CP: Engineering & Technology	Electrical & Computer Engineering ***	141001	
B.S.	CP: Engineering & Technology	Ceramic Engineering	140601	
M.PHIL. & PH.D.	CP: Engineering & Technology	Ceramic & Material Science & Engineering	140601	
B.S.	CP: Engineering & Technology	Chemical Engineering	140701	
M.S., M.S., M.PHIL. & PH.D.	CP: Engineering & Technology	Chemical & Biochemical Engineering	140701	

**RUTGERS UNIVERSITY, NEW BRUNSWICK**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
M.S., M.PHIL & PH.D.	CP: Engineering & Technology	Mechanics	141901	
B.S.	CP: Engineering & Technology	Mechanical Engineering	141901	
M.S., M.PHIL. & PH.D.	CP: Engineering & Technology	Mechanical & Aerospace Engineering	141901	
B.S.	CP: Science & Mathematics	Astrophysics	400301	
B.A., M.S. & PH.D.	CP: Science & Mathematics	Biochemistry	260202	
B.A. & B.S.	CP: Science & Mathematics	Biological Sciences	260101	
B.A.	CP: Science & Mathematics	Biomathematics	260614	
B.A. M.S., M.S.T. & M.PHIL. & PH.D.	CP: Science & Mathematics	Chemistry	400501	
B.A., M.S. & PH.D.	CP: Science & Mathematics	Mathematics	270101	
B.S.	CP: Science & Mathematics	Meteorology	400703	
B.S.	CP: Science & Mathematics	Molecular Biology & Biochemistry	260402	
M.S. & PH.D.	CP: Science & Mathematics	Operations Research (Applied Mathematics)	270302	
B.A. & M.S.T.	CP: Science & Mathematics	Physics	400899	
M.S., M.PHIL. & PH.D.	CP: Science & Mathematics	Physics & Astronomy	400899 400801 400801	
B.A.,	CP: Science & Mathematics	Statistics	270501	

<b>RUTGERS UNIVERSITY, NEW BRUNSWICK</b>				
<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
M.PHIL. & M.S. & PH.D.				
B.A.	CP: Science & Mathematics	Statistics & Mathematics	270501	

\*\*\* Engineering & Technology programs of study can be grouped under the Career Cluster “Science, Technology, Engineering & Mathematics,” or can be grouped under a career cluster the program supports.

<b>RUTGERS UNIVERSITY, NEWARK</b>				
<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Agriculture, Food &amp; Natural Resources</b>			
B.A.	CP: Animal Systems	Zoology	260701	
B.S., M.S. & PH.D.	CP: Environmental Service Systems	Environmental Sciences	030102	
M.S.	CP: Natural Resources Systems	Environmental Geology	400601	
B.A. & B.S.	CP: Natural Resources Systems	Geology	400601	
B.S.	CP: Natural Resources Systems	Geoscience Engineering ***	141601	
B.A.	CP: Plant Systems	Botany	260301	
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Journalism & Broadcasting	Journalism	090401	
B.A.	CP: Performing Art	Music	500901	

**RUTGERS UNIVERSITY, NEWARK**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.A.	CP: Performing Art	Theatre Arts & Speech	500501	
M.A.	CP: Performing Art	Jazz History & Research	500999	
B.A.	CP: Visual Arts	Art	500701	
B.F.A.	CP: Visual Arts	Visual Arts	500701	
	<b>Business, Management &amp; Administration</b>			
B.A. & M.A.	CP: Business Analysis	Economics	450601	
B.S.	CP: Business Financial Management & Accounting	Accounting	520301	
M.ACCY.	CP: Business Financial Management & Accounting	Accountancy	520301	
M.B.A.	CP: Business Financial Management & Accounting	Professional Accounting	520301	
B.S., M.B.A. & PH.D.	CP: Management	Management	520201	
	<b>Finance</b>			
B.S.	CP: Financial & Investment Planning	Finance	520801	
M.Q.F.	CP: Business Financial Management	Quantitative Finance	520801	
	<b>Government &amp; Public Administration</b>			
M.S. & PH.D.	CP: Foreign Service	Global Affairs	450901	
M.P.A. & PH.D.	CP: Public Management & Administration	Public Administration	440401	
PH.D.	CP: Planning	Urban Systems	459999	
	<b>Health Services</b>			
B.S.	CP: Diagnostic Services	Allied Health Technologies	510999	

**RUTGERS UNIVERSITY, NEWARK**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.S.	CP: Diagnostic Services	Clinical Laboratory Sciences	511399	
B.S.	CP: Diagnostic Services	Medical Technology	511005	
M.P.H.	CP: Health Informatics	Public Health	512201	
B.S., M.S. & PH.D.	CP: Therapeutic Services	Nursing	511601 511608 511608	
	<b>Human Services</b>			
B.A., M.A. & PH.D	CP: Counseling & Mental Health Services	Psychology	420101	
B.A.	CP: Family & Community Services	Sociology	451101	
B.A.	CP: Family & Community Services	Social Work	440701	
	<b>Information Technology</b>			
B.A.	CP: Information Support & Services	Information Systems	110401	
B.S.	CP: Interactive Media	Human Computer Interaction	110401	
B.A.	CP: Programming & Software Development	Computer Science	110101	
	<b>Law, Public Safety &amp; Security</b>			
B.S., M.A. & PH.D.		Criminal Justice	430104	
J.D.	CP: Law Enforcement Service	Law	220101	
B.A. & M.A.	CP: Legal Services	Political Science	451001	
	<b>Marketing, Sales &amp; Service</b>			
B.S.	CP: Marketing Communications & Promotions	Marketing	521401	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B. A.	CP: Science & Mathematics	Applied Mathematics	270301	
B.A., M.S.	CP: Science & Mathematics	Applied Physics	400899	

### RUTGERS UNIVERSITY, NEWARK

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
& PH.D				
M.S. & PH.D.	CP: Science & Mathematics	Behavioral & Neural Sciences	260608	
B.A., B.S., M.S. & PH.D	CP: Science & Mathematics	Biology	260101	
B.A., M.S. & PH.D.	CP: Science & Mathematics	Chemistry	400501	
M.S.	CP: Science & Mathematics	Computational Biology	260699	
B.A.	CP: Science & Mathematics	Mathematics	270101	
PH.D.	CP: Science & Mathematics	Mathematical Sciences	279999	
PH.D.	CP: Science & Mathematics	Neurosciences	260608	
B.A.	CP: Science & Mathematics	Physics	400801	

\*\*\* Engineering & Technology programs of study can be grouped under the Career Cluster “Science, Technology, Engineering & Mathematics,” or can be grouped under a career cluster the program supports.

### SAINT ELIZABETH, COLLEGE OF

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Agriculture, Food &amp; Natural Resources</b>			
B.S.	CP: Food, Products & Processing Systems	Foods & Nutrition	190503	
M.S.	CP: Food, Products & Processing Systems	Nutrition	190599	

**SAINT ELIZABETH, COLLEGE OF**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Journalism & Broadcasting	Communications	090101	
B.A.	CP: Performing Arts	Music	500901	
B.A.	CP: Visual Arts	Art	500701	
	<b>Business, Management &amp; Administration</b>			
B.A.	CP: Business Analysis	Economics	450601	
Certif.	CP: Business Financial Management & Accounting	Accounting	520301	
Certif.	CP: Human Resources	Human Resources	521001	
B.S.	CP: Management	Business Administration	520201	
Certif. M.S.	CP: Management	Management	520201	
	<b>Education &amp; Training</b>			
M.A.	CP: Administration & Administrative Support	Education: Human Services Leadership	139999	
Certif.	CP: Teaching & Training	Accelerated Teacher Certification (Pre-Masters)	131299	
M.A.	CP: Teaching & Training	Educational Technology	131399	
B.A.	CP: Teaching & Training	Teacher Education—Multiple Levels	131206	
	<b>Health Sciences</b>			
B.S.	CP: Diagnostic Services	Clinical Laboratory Sciences	511399	
Certif.	CP: Health Informatics	Healthcare Management (Pre-Masters)	510701	
M.A.	CP: Health Informatics	Healthcare Management	510701	
Certif.	CP: Therapeutic Services	Dietetic Internship (Pre-Masters)	512702	
B.S.N.	CP: Therapeutic Services	Nursing—Upper Division	511608	

**SAINT ELIZABETH, COLLEGE OF**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Human Services</b>			
M.A.	CP: Counseling & Mental Health Services	Counseling Psychology	420601	
B.A.	CP: Counseling & Mental Health Services	Psychology	420101	
Certif.	CP: Family & Community Services	Gerontology	301101	
Certif.	CP: Family & Community Services	Ministry	390701	
Certif.	CP: Family & Community Services	Pastoral Leadership Training	390701	
Certif.	CP: Family & Community Services	Pastoral Ministry	390701	
Certif.	CP: Family & Community Services	Religious Education	390401	
B.A.	CP: Family & Community Services	Sociology	451101	
B.A. & M.A.	CP: Family & Community Services	Theology	390601	
Certif.	CP: Family & Community Services	Youth Ministries	390701	
	<b>Information Technology</b>			
Certif.	CP: Information Support & Services	Computer Information Systems	110101	
B.S.	CP: Programming & Software Development	Computer Science	110701	
	<b>Law, Public Safety &amp; Security</b>			
B.A.		Justice Studies	309999	
	<b>Marketing, Sales &amp; Service</b>			
Certif.	CP: Marketing Communications & Promotions	Marketing	521401	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.A.	CP: Science & Mathematics	Applied Science	309999	
B.A. & B.S.	CP: Science & Mathematics	Biology	260101	

**SAINT ELIZABETH, COLLEGE OF**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.S.	CP: Science & Mathematics	Biochemistry	260202	
B.A. & B.S.	CP: Science & Mathematics	Chemistry	400501	
B.A.	CP: Science & Mathematics	Mathematics	270101	

**SAINT PETER'S COLLEGE**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Agriculture, Food &amp; Natural Resources</b>			
Certif.	CP: Agribusiness Systems	Worldwide Food Marketing	080601	
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Journalism & Broadcasting	Communications	090101	
B.A.	CP: Visual Arts	Art History	500701	
B.A.	CP: Visual Arts	Fine Arts	500101	
B.A.	CP: Visual Arts	Visual Arts	500702	
	<b>Business, Management &amp; Administration</b>			
M.B.A.	CP: Administrative & Information Support	Management Information Systems	520201	
B.A. & B.S.	CP: Business Analysis	Economics	450601 520601	
Certif.	CP: Business Financial Management	Accountancy (Pre-Masters)	520301	

**SAINT PETER'S COLLEGE**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	& Accounting			
B.S. & M.S	CP: Business Financial Management & Accounting	Accountancy	520301	
Certif. & A.A.	CP: Business Financial Management & Accounting	Finance—Business	520601	
Certif., A.A. & B.S.	CP: Management	Business Management	520201	
Certif.	CP: Management	Business Systems	520201	
Certif.	CP: Management	General Business	520201	
Certif.	CP: Management	International Business	521101	
A.A.S. & B.S.	CP: Management	International Business & Trade	521101	
M.B.A.	CP: Management	International Business	521101	
M.B.A.	CP: Management	Management	520201	
	<b>Education &amp; Training</b>			
M.A.ED.	CP: Administration & Administrative Support	Educational Administration & Supervision	130401	
Certif.	CP: Teaching & Training	Education (Pre-Masters)	130101	
B.A.	CP: Teaching & Training	Elementary Education	131202	
M.A.ED.	CP: Teaching & Training	Reading Education	131315	
M.A.ED.	CP: Teaching & Training	Teaching	130101	
M.A.ED.	CP: Teaching & Training	Urban Education	131399	
	<b>Finance</b>			
A.A.	CP: Banking & Related Services	Banking	520801	
	<b>Government &amp; Public Administration</b>			
Certif. & B.A.	CP: Planning	Urban Studies	451201	

**SAINT PETER'S COLLEGE**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.S.	CP: Planning	Urban Studies, Public Policy	440501	
A.A.S.	CP: Public Management & Administration	Public Policy	440501	
	<b>Health Sciences</b>			
A.A.S.		Health Science	519999	
B.S.	CP: Diagnostic Services	Clinical Laboratory Sciences	511399	
Certif. & B.S.	CP: Health Informatics	Healthcare Management	510701	
B.S.N. & M.S.N.	CP: Therapeutic Services	Nursing	511608	
	<b>Human Services</b>			
B.A. & B.S.	CP: Counseling & Mental Health Services	Psychology	420101	
B.A.	CP: Family & Community Services	Sociology	451101	
B.A.	CP: Family & Community Services	Theology	380201	
	<b>Information Technology</b>			
Certif.	CP: Information Support & Services	Management of Information Systems	110401	
A.A.	CP: Information Support & Services	Information Systems	110401	
Certif.	CP: Programming & Software Development	Computer Programming	110201	
B.S.	CP: Programming & Software Development	Computer Science	110101	
	<b>Law, Public Safety &amp; Security</b>			
B.A.	CP: Legal Services	Political Science	451001	
	<b>Marketing, Sales &amp; Service</b>			
Certif. & AA. & B.S.	CP: Marketing Communications & Promotions	Marketing Management	521401	
	<b>Science, Technology, Engineering</b>			

**SAINT PETER'S COLLEGE**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>&amp; Mathematics</b>			
B.S.	CP: Science & Mathematics	Biology	260101	
B.S.	CP: Science & Mathematics	Biological Chemistry	260202	
B.S.	CP: Science & Mathematics	Chemistry	400501	
B.S.	CP: Science & Mathematics	Mathematics	270101	
B.A.	CP: Science & Mathematics	Mathematical Economics	450601	
B.S.	CP: Science & Mathematics	Natural Sciences	300101	
B.S.	CP: Science & Mathematics	Physics	400801	

**SETON HALL UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Journalism & Broadcasting	Communication	090101	
B.A.	CP: Performing Art	Applied Music	500903	
B.A.	CP: Performing Art	Comprehensive Music	500901	
B.A.	CP: Performing Art	Music	500901	
B.A.	CP: Performing Arts	Music History	500902	
B.A.	CP: Visual Arts	Art	500701	
B.A.	CP: Visual Arts	Art History	500703	
B.A.	CP: Visual Arts	Fine Arts	500101	
B.A.	CP: Visual Arts	Graphic Design & Advertising Art	500402	

**SETON HALL UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
M.A.	CP: Visual Arts	Museum Professions	301401	
	<b>Business, Management &amp; Administration</b>			
B.A. & B.S.	CP: Administrative & Information Support	Management Information Systems	521201	
B.A. & B.S.	CP: Business Analysis	Economics	520601	
B.S., B.A. & M.S.	CP: Business Financial Management & Accounting	Accounting	520301	
M.S.	CP: Business Financial Management & Accounting	Professional Accounting	520301	
M.S.	CP: Human Resources	Human Resource Management	521001	
M.A.ED.	CP: Human Resources	Human Resources Training & Development	521099	
B.A. & M.B.A.	CP: Management	Business Administration	520201	
M.S.	CP: Management	International Business	521101	
B.A. & B.S.	CP: Management	Management	521002	
M.A.	CP: Management	Corporate & Public Communication	090101	
	<b>Education &amp; Training</b>			
M.A.ED., ED.S. & ED.D.	CP: Administration & Administrative Support	Administration & Supervision	130401	
ED.D & Ph.D.	CP: Administration & Administrative Support	Higher Education Administration	130406	
M.A.ED.	CP: Professional Support Services	Counselor Preparation	512310	
M.A.ED.	CP: Professional Support Services	Professional Development (General Education)	130101	
B.A.	CP: Teaching & Training	Art Education	131302	
M.A.ED. & ED.S.	CP: Teaching & Training	Bilingual, Bicultural Education	130201	

**SETON HALL UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
B.S.ED. & M.A.ED.	CP: Teaching & Training	Elementary Education	131202	
M.A.ED.	CP: Teaching & Training	English as a Second Language	131401	
M.A.ED.	CP: Teaching & Training	General Professional Education	130101	
M.A.ED.	CP: Teaching & Training	Health Professions Education	131307	
ED.S.	CP: Teaching & Training	Instructional Design	130301	
B.S.ED, M.A.ED. & ED.S.	CP: Teaching & Training	Secondary Education	131205	
B.S.ED.	CP: Teaching & Training	Special Education	131001	
B.A. & B.S.	CP: Teaching & Training	Sports Management	310504	
B.S.ED.	CP: Teaching & Training	Theology Education	390401	
	<b>Finance</b>			
B.A. & B.S.	CP: Financial & Investment Planning	Finance	520801	
M.S.	CP: Financial & Investment Planning	Financial Planning	520804	
	<b>Government &amp; Public Administration</b>			
M.A.	CP: Foreign Service	Diplomacy	450901	
B.S.	CP: Foreign Service	Diplomacy & International Relations	450901	
M.P.A.	CP: Public Management & Administration	Public Administration	440401	
M.S.	CP: Revenue & Taxation	Taxation	521601	
	<b>Health Sciences</b>			
B.S., M.S., & Ph.D.		Health Sciences	519999	
M.S.	CP: Biotechnology Research &	Microbiology	260501	

**SETON HALL UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	Development			
M.S.N.	CP: Health Informatics	Administrator of Nursing Services	511602	
M.H.A.	CP: Health Informatics	Healthcare Administration	510701	
Certif.	CP: Health Informatics	Nursing Administration	511602	
M.S.	CP: Health Informatics	Nursing Education	511608	
M.S.N.	CP: Therapeutic Services	Acute Care Nurse Practitioner	511699	
M.S.N.	CP: Therapeutic Services	Adult Nurse Practitioner	511603	
M.S.N.	CP: Therapeutic Services	Gerontological Nurse Practitioner	511699	
B.S.N.	CP: Therapeutic Services	Nursing	511601	
Certif. & M.S.	CP: Therapeutic Services	Nurse Case Management	511699	
M.S.	CP: Therapeutic Services	Occupational Therapy	512306	
M.S.	CP: Therapeutic Services	Pediatric Nurse Practitioner	511609	
M.S.	CP: Therapeutic Services	Physicians Assistant	510807	
Certif.	CP: Therapeutic Services	Primary Health Care Nurse Practitioner	511699	
Certif.	CP: Therapeutic Services	School Nurse	511699	
M.S.N.	CP: Therapeutic Services	School Nurse Practitioner	511699	
M.S.	CP: Therapeutic Services	Speech & Language Pathology	510203	
M.S.N.	CP: Therapeutic Services	Women's Healthcare Nurse Practitioner	511699	
	<b>Human Services</b>			
PSY.D.	CP: Counseling & Mental Health Services	Clinical Psychology	420201	
Ph.D.	CP: Counseling & Mental Health Services	Counseling Psychology	420601	
M.S., ED.S. & Ph.D.	CP: Counseling & Mental Health Services	Marriage & Family Therapy	190703	
B.A.	CP: Counseling & Mental Health	Psychology	420101	

**SETON HALL UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	Services			
M.A.ED.	CP: Counseling & Mental Health Services	Psychological Studies	420101	
M.A.ED.	CP: Counseling & Mental Health Services	Student Personnel Services	131101	
Certif.	CP: Family & Community Services	Administration of Lay Ministry Formation	399999	
Certif.	CP: Family & Community Services	Catechetical Ministry	390701	
Certif.	CP: Family & Community Services	Childbirth Education	510301	
Certif. & M.P.A.	CP: Family & Community Services	Church Management	520206	
M.A.	CP: Family & Community Services	Jewish-Christian Studies	380201	
Certif. & M.A.	CP: Family & Community Services	Pastoral Ministry	390701	
M.DIV.	CP: Family & Community Services	Pastoral Ministry	390602	
B.A.	CP: Family & Community Services	Religious Studies	38201	
ED.S.	CP: Family & Community Services	School & Community Psychology	421701	
B.S.ED. & ED.S.	CP: Family & Community Services	School & Community Health Education	131307	
Certif.	CP: Family & Community Services	Scripture Studies	390701	
B.A.	CP: Family & Community Services	Sociology	451101	
B.A.	CP: Family & Community Services	Social Work	440701	
M.A.	CP: Family & Community Services	Theology	390601	
Certif.	CP: Family & Community Services	Youth Ministry	390701	
	<b>Information Technology</b>			
M.S.	CP: Information Support & Services	Information Systems	110401	
Certif.	CP: Information Support & Services	Information Technology	521201	
B.S.	CP: Programming & Software	Computer Science	110101	

**SETON HALL UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	Development			
	<b>Law, Public Safety &amp; Security</b>			
B.A.		Criminal Justice	430104	
J.D.	CP: Law Enforcement Services	Law	220101	
B.A.	CP: Legal Services	Political Science	451001	
	<b>Marketing, Sales &amp; Service</b>			
B.A. & B.S.	CP: Marketing Communications & Promotions	Marketing	521401	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.S. & M.S.	CP: Science & Mathematics	Biology	260101	
B.S., M.S. & Ph.D	CP: Science & Mathematics	Chemistry	400501	
B.S.	CP: Science & Mathematics	Mathematics	270101	
B.S.	CP: Science & Mathematics	Natural Sciences	300101	
B.S.	CP: Science & Mathematics	Physics	400801	

**STEVENS INSTITUTE OF TECHNOLOGY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Agriculture, Food &amp; Natural Resources</b>			
Certif.	CP: Environmental Service Systems	Building Energy Systems	149999	
Certif.	CP: Environmental Service Systems	Air Pollution Technology	149999	
B.E., M.E. & Ph.D.	CP: Environmental Service Systems	Environmental Engineering	141401	
Certif.	CP: Environmental Service Systems	Environmental Compatibility Engineering	149999	
Certif.	CP: Environmental Service Systems	Environmental Processes	149999	
Certif.	CP: Environmental Service Systems	Inland, Coastal Environmental Hydrology	149999	
Certif.	CP: Environmental Service Systems	Power Generation	149999	
Certif.	CP: Environmental Service Systems	Soil & Groundwater Pollution	149999	
Certif.	CP: Environmental Service Systems	Water Quality Control	149999	
Certif.	CP: Natural Resources Systems	Geotechnical Engineering	149999	
M.E. & Ph.D.	CP: Natural Resources Systems	Ocean Engineering ***	142401	
M.S.	CP: Natural Resources Systems	Maritime Systems	149999	
	<b>Architecture &amp; Construction</b>			
Certif.	CP: Construction	Construction Engineering	149999	
M.S.	CP: Construction	Construction Management	149999	
Certif.	CP: Construction	Construction Quality Management	149999	
B.E., M.E., D.E. & Ph.D.	CP: Design & Pre-Construction	Civil Engineering ***	140801	
Certif.	CP: Design & Pre-Construction	Computational Methods, Fluid Mechanics, Heat Transfer	149999	
Certif. & M.E.	CP: Design & Pre-Construction	Concurrent Design Management	149999	
Certif.	CP: Design & Pre-Construction	Construction Accounting & Estimating	149999	

**STEVENS INSTITUTE OF TECHNOLOGY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
Certif.	CP: Design & Pre-Construction	Construction Law & Disputes	149999	
Certif.	CP: Design & Pre-Construction	Stress Analysis & Design	149999	
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
Certif.	CP: Visual Arts	Computer Graphics	119999	
	<b>Business, Management &amp; Administration</b>			
B.S.	CP: Administrative & Information Support	Business & Technology	520201	
M.S.	CP: Administrative & Information Support	Computer Science—Business	521299	
M.S.	CP: Administrative & Information Support	Education Management	520299	
M.S. & M.T.M.	CP: Administrative & Information Support	Management of Technology—Business Administration	520299	
M.S. & Ph.D	CP: Administrative & Information Support	Technology Management—Business Administration	520299	
Certif.	CP: Administrative & Information Support	Information Management—Business	521201	
M.I.M., M.S. & Ph.D.	CP: Administrative & Information Support	Information Management	521201	
Certif. & M.S.	CP: Administrative & Information Support	Information Systems	521201	
Certif.	CP: Administrative & Information Support	Instructional Systems	520299	
Certif.	CP: Administrative & Information Support	Technical Applications in Science Education—Business Administration	520299	
Certif.	CP: Administrative & Information	Technology Management—Business	520299	

## STEVENS INSTITUTE OF TECHNOLOGY

Degree or Award	Broad Industry Area (BOLD) & Career Pathway (CP)	Program Name	University College CIP Code	State CIP Code
	Support	Administration		
Certif.	CP: Business Analysis	E-Commerce	520299	
M.S.	CP: Business Analysis	E-Commerce	521299	
M.S. & Ph.D.	CP: Human Resources	Applied Psychology (Human Resource Management)	521003	
Certif.	CP: Human Resources	Human Factors	521099	
M.S.	CP: Human Resources	Human Resources Management	521001	
Certif.	CP: Human Resources	Human Resources Selection (Human Resource Management)	521001	
Certif. & M.S.	CP: Management	Design & Production Management—Business Administration	520299	
Certif.	CP: Management	Project Management—Business Administration	520299	
B.S., M.S. & M.M.S	CP: Management	Management	520201	
M.S.	CP: Management	Management Planning	520299	
M.S.	CP: Management	Project Management	520299	
Ph.D.	CP: Management	Interdisciplinary Management	520299	
M.S.	CP: Networking Systems	Telecommunications	521204	
Certif. & M.S.	CP: Networking Systems	Telecommunications Management	521204	
	<b>Health Sciences</b>			
Certif.	CP: Biotechnology Research & Development	Bioinformatics	269999	
Certif.	CP: Biotechnology Research & Development	Biomedical Chemistry	269999	
Certif.	CP: Biotechnology Research & Development	Laboratory Methods in Chemical Biology	269999	
B.E.	CP: Support Services	Biomedical Engineering ***	140501	

**STEVENS INSTITUTE OF TECHNOLOGY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Information Technology</b>			
M.E., M.S. & Ph.D.	CP: Information Support & Services	Computer & Information Engineering	140901	
Certif.	CP: Information Support & Services	Database Systems	119999	
Certif.	CP: Interactive Media	Digital System & VLSI Design	149999	
Certif.	CP: Network Systems	Information Networks	149999	
Certif.	CP: Network Systems	Network & Graph Theory	119999	
Certif.	CP: Network Systems	Wireless Communications	149999	
Certif.	CP: Programming & Software Development	Advanced Programming: Theory, Design & Verification	119999	
Certif.	CP: Programming & Software Development	Computer & Communications Security	149999	
B.E., D.E., M.E. & Ph.D.	CP: Programming & Software Development	Computer Engineering ***	140901	
Certif.	CP: Programming & Software Development	Computer Mathematics	270399	
B.S., M.S. & Ph.D.	CP: Programming & Software Development	Computer Science	110101	
Certif.	CP: Programming & Software Development	Elements of Computer Science	119999	
Certif.	CP: Programming & Software Development	Object Oriented Design & Programming	119999	
Certif.	CP: Programming & Software Development	Programming for Critical Applications,	119999	
Certif. & M.S.	CP: Programming & Software Development	Software Engineering ***	119999	
Certif.	CP: Programming & Software	Theoretical Computer Science	119999	

## STEVENS INSTITUTE OF TECHNOLOGY

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	Development			
	<b>Manufacturing</b>			
B.E.	CP: Manufacturing Production Process Development	Engineering Management	143001	
Certif.	CP: Manufacturing Production Process Development	Integrated Product Design	149999	
Certif. & M.E.	CP: Manufacturing Production Process Development	Integrated Product Development	149999	
Certif.	CP: Manufacturing Production Process Development	Mechanism Design	149999	
B.E., M.E.	CP: Manufacturing Production Process Development	Polymer Engineering	143201	
Certif.	CP: Production	Advanced Manufacturing	149999	
Certif.	CP: Production	Analysis of Polymer Processing Methods— Chemistry	400599	
Certif.	CP: Production	Analysis of Polymer Processing Methods Engineering *	149999	
Certif.	CP: Production	Polymer Chemistry	400507	
Certif.	CP: Production	Polymer Processing	149999	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
Certif., B.E., M.E., D.E. & Ph.D.	CP: Engineering & Technology	Chemical Engineering	140701	
Certif.	CP: Engineering & Technology	Concurrent Engineering	149999	
B.E., D.E., M.E. & Ph.D.	CP: Engineering & Technology	Electrical Engineering	141001	

## STEVENS INSTITUTE OF TECHNOLOGY

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
M.E.	CP: Engineering & Technology	Engineering Optics	141201	
B.E. & M.E.	CP: Engineering & Technology	Engineering Physics	141201	
Certif. & B.E.	CP: Engineering & Technology	Engineering Management	143001	
Certif.	CP: Engineering & Technology	Fundamentals of Chemical Engineering	149999	
Certif.	CP: Engineering & Technology	Fundamentals, Modern Chemical Engineering	149999	
B.E., M.E. & Ph.D.	CP: Engineering & Technology	Interdisciplinary Engineering	140101	
Certif., B.E. & M.E.	CP: Engineering & Technology	Materials Engineering	141801	
B.E., D.E., M.E. & Ph.D	CP: Engineering & Technology	Mechanical Engineering	141901	
M.S.	CP: Engineering & Technology	Telecommunications Engineering	141001	
Certif.	CP: Engineering & Technology	Robotics & Control	149999	
Certif.	CP: Engineering & Technology	Satellite Engineering	149999	
Certif.	CP: Science & Mathematics	Analytical Chemistry	400599	
M.S.	CP: Science & Mathematics	Applied Mathematics	270301	
Certif.	CP: Science & Mathematics	Applied Optics	400899	
Certif. & M.S.	CP: Science & Mathematics	Applied Statistics	270501	
Certif., B.S., M.S. & Ph.D.	CP: Science & Mathematics	Chemical Biology	260202	
Certif.	CP: Science & Mathematics	Chemical Physiology	269999	
B.S., M.S. & Ph.D.	CP: Science & Mathematics	Chemistry	400501	
Certif.	CP: Science & Mathematics	Finite Element Analysis	149999	
B.S., M.S & Ph.D.	CP: Science & Mathematics	Interdisciplinary Science	419999	

## STEVENS INSTITUTE OF TECHNOLOGY

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
Certif.	CP: Science & Mathematics	Instrumental Analysis	269999	
B.S.	CP: Science & Mathematics	Materials Science	143101	
M.S. & Ph.D.		Materials (Material Science)	143101	
M.S.	CP: Science & Mathematics	Metallurgy	143101	
M.S. & Ph.D.	CP: Science & Mathematics	Operations Research	270302	
B.S., M.S. & Ph.D.	CP: Science & Mathematics	Physics	400801	
B.S., M.S. & Ph.D.	CP: Science & Mathematics	Pure & Applied Mathematics	270101	
Certif.	CP: Science & Mathematics	Surface Physics	400899	
Certif.	CP: Science & Mathematics	Structural Analysis, Materials (Materials Science)	143199	
Certif.	CP: Science & Mathematics	Surface Modification (Materials Science)	143199	
Certif.	CP: Science & Mathematics	Vibrations & Noise Control	149999	
	<b>Transportation, Distribution &amp; Logistics</b>			
Certif.	CP: Transportation Operations	Aerospace Guidance & Control	149999	

\*\*\* Engineering & Technology programs of study can be grouped under the Career Cluster “Science, Technology, Engineering & Mathematics,” or can be grouped under a career cluster the program supports.

**THOMAS EDISON STATE COLLEGE**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
Certif.	CP: Visual Arts	Computer Aided Design	480101	
	<b>Business, Management &amp; Administration</b>			
Certif.	CP: Administrative & Information Support	Administrative Office Management	520204	
Certif.	CP: Administrative & Information Support	Data Processing	110301	
A.A.S.	CP: Administrative & Information Support	Administrative Studies	520499	
Certif., B.A. & B.S.	CP: Business Financial Management & Accounting	Accounting	520301	
Certif.	CP: Human Resources	Labor Studies (Human Resources Management)	521002	
Certif., B.A. & B.S.	CP: Human Resources	Management of Human Resources	521001	
A.S.M.	CP: Management	Business & Industry	529999	
A.S.M.	CP: Management	General Management	520101	
B.S.	CP: Management	Business Administration	520201	
M.S.	CP: Management	Management	520201	
Certif., B.A. & B.S.	CP: Management	Operations Management	520205	
	<b>Finance</b>			
Certif., B.A. & B.S.	CP: Financial & Investment Planning	Finance	520801	
	<b>Government &amp; Public Administration</b>			
Certif.	CP: Public Management &	Public Administration	440401	

**THOMAS EDISON STATE COLLEGE**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	Administration			
A.S.	CP: Public Management & Administration	Public & Social Services	449999	
	<b>Health Sciences</b>			
A.S.		Applied Health Studies	510899	
B.S.		Health Sciences	519999	
A.A.S.	CP: Diagnostic Services	Radiologic Technology	510907	
A.S.M.	CP: Health Informatics	Health Services & Public Service	519999	
B.S.	CP: Therapeutic Services	Nursing	511608	
	<b>Information Technology</b>			
Certif.	CP: Programming & Software Development	Computer Science	110101	
	<b>Human Services</b>			
B.S.		Human Services	440701	
	<b>Marketing, Sales &amp; Service</b>			
Certif., B.A. & B.S.	CP: Marketing Communications & Promotion	Marketing	521401	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
A.A.S.	CP: Science & Mathematics	Applied Electronic Studies	150399	
A.S. & B.S.	CP: Science & Mathematics	Applied Science & Technology	309999	
Certif.	CP: Science & Mathematics	Electronics	150303	
A.S. & B.A.	CP: Science & Mathematics	Natural Sciences & Mathematics	300101	
	<b>Transportation, Distribution &amp; Logistics</b>			
A.A.S.	Facility & Mobile Equipment Maintenance	Mechanics & Maintenance	479999	

**UNIVERSITY OF MEDICINE & DENTISTRY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Agriculture, Food &amp; Natural Resources</b>			
M.S. & Ph.D.	CP: Animal Systems	Cell & Molecular Pharmacology—Zoology	260705	
M.S. & Ph.D.	CP: Animal Systems	Experimental Pathology—Zoology	260704	
M.S. & Ph.D.	CP: Animal Systems	Physiology—Zoology	260706	
M.S. & Ph.D.	CP: Animal Systems	Physiology & Neurobiology—Zoology	260706	
M.S. & Ph.D.	CP: Animal Systems	Pharmacology—Zoology	260705	
	<b>Government &amp; Public Administration</b>			
Ph.D.	Planning	Urban Systems	459999	
	<b>Health Sciences</b>			
B.S., M.S. & Ph.D.		Health Sciences	519999	
M.S. & Ph.D.	CP: Biotechnology Research & Development	Biomedical Informatics	119999	
M.S. & Ph.D.	CP: Biotechnology Research & Development	Microbiology & Molecular Genetics	260501	
M.S. &	CP: Biotechnology Research &	Cell & Developmental Biology/Anatomy	260401	

**UNIVERSITY OF MEDICINE & DENTISTRY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
Ph.D.	Development			
Certif. M.S. & Ph.D	CP: Biotechnology Research & Development	Toxicology	260612	
B.S.	CP: Diagnostic Services	Allied Health Technologies	510999	
B.S.	CP: Diagnostic Services	Clinical Laboratory Sciences	511399	
Certif.	CP: Diagnostic Services	Cytotechnology	511002	
Certif.	CP: Diagnostic Services	Diagnostic Imaging Technologies	510999	
Certif.	CP: Diagnostic Services	Diagnostic Medical Sonography	510910	
Certif. & A.A.S.	CP: Diagnostic Services	Emergency Medical Technology	510904	
Certif.	CP: Diagnostic Services	Medical Technology	511005	
A.A.S.	CP: Diagnostic Services	Medical Laboratory Technology	511004	
Certif.	CP: Diagnostic Services	Nuclear Medicine Technology	510905	
Certif.	CP: Diagnostic Services	Radiography	510907	
Certif.	CP: Diagnostic Services	Vascular Technology	519999	
Certif.	CP: Health Informatics	Health Care Informatics (Post-BA)	519999	
Certif. & M.S.N.	CP: Health Informatics	Nursing Education (Post-MA)	511608	
M.S.	CP: Health Informatics	Health Care Management	510701	
M.S.	CP: Health Informatics	Health Systems	510701	
M.S.N.	CP: Health Informatics	Nursing—Nursing Informatics	511608	
M.P.H., DR.P.H., & Ph.D.	CP: Health Informatics	Public Health	512201	
M.S. & Ph.D.	CP: Support Services	Biomedical Sciences	511399	
M.S. &	CP: Support Services	Biomedical Engineering ***	140501	

## UNIVERSITY OF MEDICINE & DENTISTRY

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
Ph.D.				
Certif.	CP: Therapeutic Services	Advanced Education in General Dentistry (Professional)	512899	
Certif.	CP: Therapeutic Services	Advanced Practice Nursing (Post-MA)	511603	
M.S.	CP: Therapeutic Services	Clinical Nutrition	512702	
Certif.	CP: Therapeutic Services	Dietetic Internship (Post-BA)	519999	
Certif.	CP: Therapeutic Services	Dental Assisting,	510601	
A.A.S	CP: Therapeutic Services	Dental Hygiene	510602	
D.M.D.	CP: Therapeutic Services	Dentistry	510401	
Certif.	CP: Therapeutic Services	Emergency Medical Technology—Paramedic **	510904	
Certif.	CP: Therapeutic Services	Endodontics (Professional)	512803	
Certif.	CP: Therapeutic Services	General Dentistry Residency (Professional)	512899	
M.D.	CP: Therapeutic Services	Medicine	511201	
Certif. & A.A.S.	CP: Therapeutic Services	Medical Assisting	510801	
A.S., B.S.N. & M.S.N.	CP: Therapeutic Services	Nursing	511601 511608 511608	
Certif.	CP: Therapeutic Services	Nurse Midwifery (Post-BA),	511607	
Certif.	CP: Therapeutic Services	Oral & Maxillofacial Surgery (Professional)	512801	
Certif.	CP: Therapeutic Services	Orthodontics (Professional)	512805	
D.O.	CP: Therapeutic Services	Osteopathic Medicine	511901	
Certif.	CP: Therapeutic Services	Pediatric Dentistry (Professional)	512806	
Certif.	CP: Therapeutic Services	Periodontics (Professional)	512807	
M.S.	CP: Therapeutic Services	Physician Assistant	510807	
M.S.P.T., M.P.T. &	CP: Therapeutic Services	Physical Therapy	512308	

**UNIVERSITY OF MEDICINE & DENTISTRY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
D.P.T.				
Certif.	CP: Therapeutic Services	Prosthodontics (Professional)	512808	
A.S.	CP: Therapeutic Services	Respiratory Care	510908	
Certif. & A.A.S.	CP: Therapeutic Services	Respiratory Therapy	510908	
Certif.	CP: Therapeutic Services	Surgical Technology	510909	
	<b>Human Services</b>			
B.S.	CP: Counseling & Mental Health Services	Psychiatric Rehabilitation & Psychology	429999	
M.S. & Ph.D.	CP: Counseling & Mental Health Services	Psychiatric Rehabilitation	511599	
A.S.	CP: Counseling & Mental Health Services	Psychosocial Rehabilitation	512399	
M.S.	CP: Counseling & Mental Health Services	Rehabilitation Counseling	512399	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
M.S. & Ph.D.	CP: Science & Mathematics	Anatomy	260601	
M.S. & Ph.D.	CP: Science & Mathematics	Biochemistry	260202	
M.S. & Ph.D.	CP: Science & Mathematics	Neurosciences	260608	
M.S.	CP: Science & Mathematics	Oral Biology	260699	

\*\* The “Emergency Medical Technology—Paramedic” program of study can be grouped under the Law, Public Safety & Security career cluster.

\*\*\* Engineering & Technology programs of study can be grouped under the Career Cluster “Science, Technology, Engineering & Mathematics,” or can be grouped under a career cluster the program supports.

<b>WILLIAM PATERSON UNIVERSITY</b>				
<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	<b>Agriculture, Food &amp; Natural Resources</b>			
B.S.	CP: Environmental Service Systems	Environmental Science	030102	
	<b>Arts, Audio-Video Technology &amp; Communications</b>			
B.A.	CP: Journalism & Broadcasting	Communications	090101	
M.A.	CP: Journalism & Broadcasting	Media Studies	090101	
B.A.	CP: Performing Arts	Dramatic Arts	500501	
B.A., B.M., & M.M.	CP: Performing Arts	Music	500901 500903 500901	
B.A. & M.F.A.	CP: Visual Arts	Art	500701 500101	
B.F.A.	CP: Visual Arts	Fine Arts	500701	
M.A.	CP: Visual Arts	Visual Arts	500101	
	<b>Business, Management &amp; Administration</b>			
B.S.	CP: Business Financial Management & Accounting	Accounting	520301	
B.S. & M.B.A.	CP: Management	Business Administration	520201	
	<b>Education &amp; Training</b>			

**WILLIAM PATERSON UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
M.ED.	CP: Administration & Administrative Support	Educational Leadership	130401	
B.S.	CP: Professional Support Services	Community Health, School Health Education	131307	
B.A.	CP: Teaching & Training	Early Childhood Education	131204	
B.A., M.A.T. & M.ED.	CP: Teaching & Training	Elementary Education	131202	
B.S.	CP: Teaching & Training	Music Education	131312	
B.S.	CP: Teaching & Training	Physical Education	131314	
B.A. & M.ED.	CP: Teaching & Training	Secondary Education	131205	
B.A. & M.ED.	CP: Teaching & Training	Special Education	131001	
M.ED.	CP: Teaching & Training	Reading	131315	
	<b>Government &amp; Public Administration</b>			
M.A.	CP: Public Management & Administration	Public Policy & International Affairs	450901/451001	
	<b>Health Sciences</b>			
B.S. & M.S.	CP: Biotechnology Research & Development	Biotechnology	260616	
M.S.	CP: Therapeutic Services	Communication Disorders	510201	
B.S. & M.S.N.	CP: Therapeutic Services	Nursing	511601 511608	
	<b>Human Services</b>			
M.A.	CP: Counseling & Mental Health Services	Clinical Psychology	420201	
B.A.	CP: Counseling & Mental Health	Psychology	420101	

**WILLIAM PATERSON UNIVERSITY**

<b>Degree or Award</b>	<b>Broad Industry Area (BOLD) &amp; Career Pathway (CP)</b>	<b>Program Name</b>	<b>University College CIP Code</b>	<b>State CIP Code</b>
	Services			
M.ED.	CP: Counseling & Mental Health Services	School Personnel & Social Worker	131101	
B.A. & M.A.	CP: Family & Community Services	Sociology	451101	
	<b>Information Technology</b>			
B.S.	CP: Programming & Software Development	Computer Science	110101	
	<b>Law, Public Safety &amp; Security</b>			
B.A.	CP: Legal Services	Political Science	451001	
	<b>Science, Technology, Engineering &amp; Mathematics</b>			
B.S.	CP: Science & Mathematics	Applied Chemistry	400501	
B.S.	CP: Science & Mathematics	Biology	260101	
M.A.	CP: Science & Mathematics	Biological Science	260101	
B.A.	CP: Science & Mathematics	Mathematics	270101	